

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

1929

LIBRARY

Annual



LOHRMAN SEED CO.

Established Over 35 Years

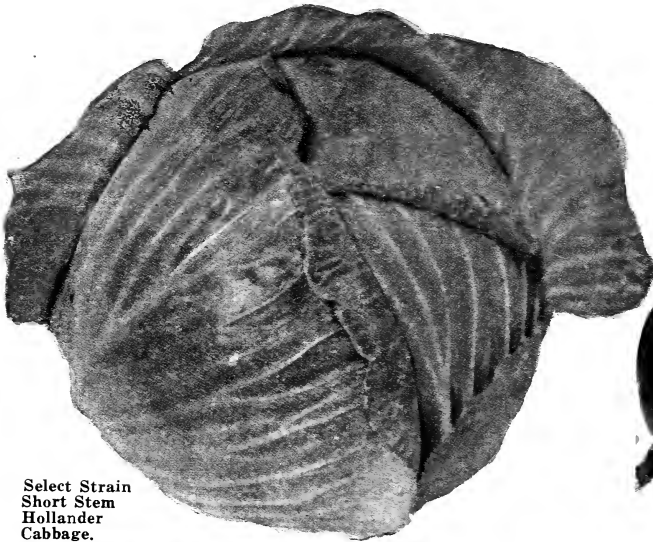
TELEPHONE RANDOLPH 1271 and 9241

Macomb at Brush Street

DETROIT ~ MICHIGAN

Eastern Market Branch ~ 1340 Napoleon St. near Russell

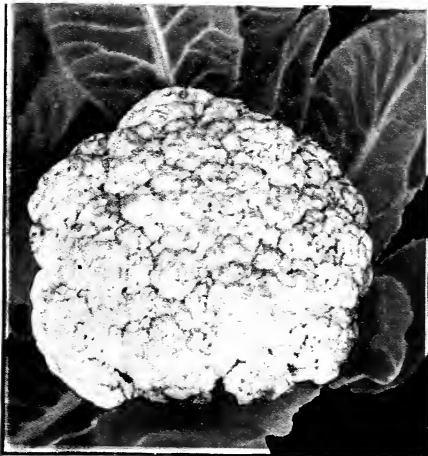
Lohrman's Vegetable Specialties



Select Strain
Short Stem
Hollander
Cabbage.



Selected
Detroit
Dark Red
Beets.



Superior Snowball Cauliflower.

Lohrman's Select Strain Short Stem Hollander Cabbage

A strain much superior to the ordinary Short Stem Hollander in that the tonnage is far greater per acre. The secret of the increased tonnage of this strain lies in the selection for hard, tight heads which weigh one-third more than ordinary Danish heads of equal size. This feature also indicates better keeping quality, for such solidity means that the heads do not have the same tendency to crack, owing to the compactness of the plant. Pkt., 10c; oz., \$1.00; 2 ozs., \$1.75; ¼ lb., \$3.00; lb., \$10.00. (See page 6).

Detroit Dark Red Beet (Selected)

An improved strain of Detroit Dark Red. We have eliminated the bronze and red tinged tops and now have only a uniform gray-green. The interior color is deep, fresh blood color and the quality of the flesh is fine grained and crisp. The roots come uniform in both small tap roots. (See page 5). Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., \$1.25.

Superior Snowball Cauliflower

This outstanding new variety far surpasses any other for early or late crop. It excels all Snowball and Erfurt Cauliflower for vigor and freedom from disease and produces first grade No. 1 heads. It is very early and will be entirely headed up when only an occasional plant of the other varieties shows heading. The heads are very deep with pure white, solid, rounded curds. Pkt., 50c; ¼ oz., \$1.75; oz., \$5.00; 2 ozs., \$9.50; 4 ozs., \$18.50; lb., \$75.00.

Longfellow Cucumber

The Longfellow is a White Spine type with an admixture of Emerald blood, from which it gets its intense, dark green appearance. The vines are exceptionally healthy and productive and fairly early. The fruits will average 12 to 14 inches in length by 2½ inches in diameter and are very symmetrical. The color is all that could be desired and this variety will retain its dark green color when trucked to distant markets. (See page 8). Pkt., 10c; oz., 50c; 2 ozs., 75c; ¼ lb., \$1.00; lb., \$3.00.



Longfellow Cucumber.

KILLS PLANT INSECTS

M-G-K
QUALITY
EVER GREEN
NON-POISONOUS INSECTICIDE



EFFECTIVE against plant lice (aphis), rose chafer, aster beetle (tarnish plant bug), thrips, cucumber and melon beetles, squash stink bug, and many others.

NON-POISONOUS. EVER GREEN is harmless to man, live stock, birds and pets. Kills only insects.

NON-INJURIOUS. Won't burn or injure the tenderest crops. Can be used on roses. Doesn't injure the soil in any way.

NO DETERIORATION. When undiluted, EVER GREEN retains its strength indefinitely.

PLEASANT AND EASY TO USE. No continuous agitation necessary—mix it by simply pouring into water and stir. No unpleasant odor. Add soap.

WON'T GUM SPRAYERS. Has no injurious effect on metal or rubber. Spray-ers can't get clogged for EVER GREEN stays in solution.

LIST PRICES:

1-oz. bottles	.....\$0.35	32-oz. cans	.....\$ 3.50
6-oz. bottles	..... 1.00	1-gal. cans	..... 13.00
16-oz. bottles	..... 2.00		

Being Non-Poisonous, EVER GREEN
Can be Sent Through the Mail

Ants Destroyed

**NEW METHOD "GETS" THEM AT
THEIR SOURCE—SAFE, PERMA-
NENT, EFFECTIVE**

The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating ants. It is composed of small glass containers and a special formula of syrup. The containers are partially filled with syrup and placed about the outside edges of the house or along "ant" trails in the garden if the infestation occurs there. The ants smell the syrup, eat it and then transmit its mild poison to the queen in the nest. Soon the entire ant colony is destroyed!

The complete system should cover every 15 feet around the outside of the house or "ant" trails in the garden. Once installed, permanent, effective and safe protection is insured from these annoying pests.



Antrol

The National Ant Control



PRICES:

Antrol sets, containing 4 containers and one 4-oz. bottle of syrup	.....\$1.00
Antrol extra containers, each	..... .15
Antrol Syrup, 4-oz. bottle	..... .50
Antrol Syrup, pints	..... 1.00
Antrol Syrup, gallons	..... 4.00

Note—Enough containers and syrup should be purchased to place one container every 15 feet around the house or along ant "trails" in the garden.

Quickly Kills Garden Pests

**Science Provides New Safe Method
That Does the Work Without
Fuss**



**SNAILS, CUTWORMS, SLUGS, GRASSHOPPERS,
SOWBUGS, EARWIGS, ETC., ARE EXTERMINATED**

Snarol is a ready prepared meal that you simply broadcast on the ground, under the vegetation. The pests eat the meal and are quickly destroyed.

Snarol will not deteriorate from rain or sprinkling and also is non-injurious to vegetation when used according to simple directions. These features distinguish it from ordinary controls and make Snarol popular with professional gardeners and nurserymen.

PRICES:

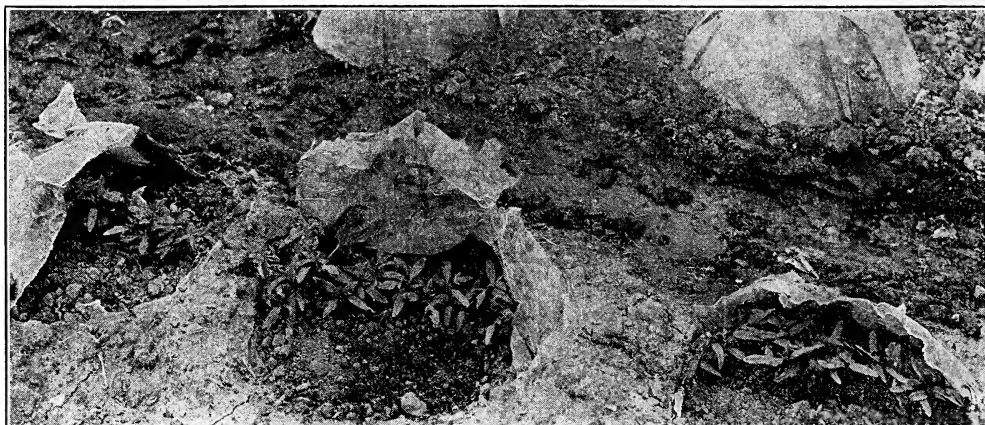
1-lb. package	.....\$0.50
3-lb. package	..... 1.00
15-lb. bag	..... 3.75

Snarol

The National Pest Control



You Make More Profit



Earlier Crops Mean Higher Prices!

*This Proved Method of Plant Protection
Means Big Profit to You Next Year*



1. Place HOTKAP
in Setter.



2. Place Setter
Over Seed or
Plant.



3. Press Setter
 $\frac{1}{4}$ Inch in
Ground.



4. Place Small
Amount of
Dirt Around
Edge of Setter.



5. Remove Setter
from HOTKAP.
One Man can
Place 3,000
HOTKAPS Per
Day.

The illustration above shows what Germaco HOTKAPS mean to growers of all vine crops. The plants illustrated were sown in a seeder. HOTKAPS were placed over spots in the row. Note how quickly the plants under them have grown—the head-start they have in the race for high priced markets.

HOTKAPS cost you little to use and bring big profits. They save you worry, too, over frost, wind, hail, rain, insects and ground crusting. They put each of your plants under a hothouse to grow quicker and hardier—without danger of loss.

Write us today about these profit makers. Or simply order the supply you need for next season.

Prices: 1,000 lots, \$11.50; 5,000 lots, \$11.00 per 1000; 10,000 lots, \$10.75 per 1000. 250 trial package, including special type garden setter, \$4.00; Germaco steel HOTKAP setter, \$2.50.

If you need HOTKAPS for your backyard garden, note these prices: 50 with special setter, \$1.50; 100 with garden setter, \$2.25; garden setter alone, 50 cents.

Germaco
Hotkaps

Lohrman's Evergreen Lawn Seed

Four Weeks From Sowing It Is Ready For Mowing

Success in lawn making requires, first of all, good seed. There is no excuse in these days for guesswork about seed. Laboratory tests show its purity and its germination. We do not buy, nor do we sell, seed which fails to meet our high standards, by test in our own seed laboratory.

Our blends are composed of several grasses, each of which has a purpose. Pure seed such as we sell goes twice as far as the impure mixtures generally obtained at bargain prices.

Lohrman's Evergreen Lawn Seed has been sold by us for over thirty-five years.

Our Evergreen Lawn Seed used exclusively at the National Flower Show at Detroit, Michigan, 1927, and at the North American Flower Shows, 1928 and 1929.

Price, lb., 50c; 3 lbs., \$1.35; 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs. (1 bu.), \$7.50; 100 lbs., \$35.00.

Lohrman's Fairway Mixture

This special mixture produces beautiful and permanent lawns. It is made from our own formula, and composed

of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire Summer and Fall. This mixture does not contain any clover. In making up this brand we are careful to use only seed that has been thoroughly re-cleaned. Lb., 60c; 3 lbs., \$1.75; 5 lbs., \$2.75; 10 lbs., \$5.00; 20 lbs., \$9.00; 100 lbs., \$42.00.

Shady Spot Lawn Seed

On nearly all lawns there are unsightly spots caused by the fact that ordinary varieties of grasses used for lawns do not do well in the shade; consequently we have prepared a mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply Evergreen Lawn Lime. Use one pound of Shady Spot for every 300 square feet. Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.00; 20 lbs., \$11.00; 100 lbs., \$50.00.

How to Make a Lawn with Evergreen Lawn Seed

PREPARATION OF SOIL. Dig the soil about 6 inches deep, but only when it is dry; if rain has fallen recently allow a few days of fine weather to elapse before commencing work. Rake until soil is smooth and in fine condition.

FERTILIZING. Scatter either Pulverized Sheep Manure on the dug earth at the rate of one ton to the acre, 100 lbs. to 1000 square feet, 10 lbs. to 100 square feet, or use Sacco Plant Food, an odorless fertilizer, at the rate of one-half ton per acre, 50 lbs. per 1000 square feet, 5 lbs. per 100 square feet.

FOR MOIST OR SOUR SOIL. When the soil is constantly wet and poorly drained, spread Agricultural Hydrated Lime at the rate of 50 lbs. per 1000 square feet or Limestone at the rate of 75 lbs. per 1000 square feet. Then follow above directions.

SOWING THE SEED. Sow our Evergreen Lawn Seed at the minimum rate of 100 lbs. per acre or 1 lb. to each 300 square feet. Double the quantity where a thick turf is needed quickly. Select a day when no wind is blowing;

divide the seed into two portions and sow the land twice to insure its even covering; it is important to stir the contents of the bag occasionally. Bury the seed not more than one-eighth inch deep. Roll the seeded area, but should rain fall before the work is completed, defer the rolling until the land has dried.

GRASS FOR SHADY LOCATIONS. Follow the above directions, but use our Shady Spot instead of our Evergreen Lawn Seed.

Renovating an Old Lawn

First—Rake the lawn well, removing as much dead grass as possible. Second—Apply fertilizer according to the above directions. Third—Sow our Evergreen Lawn Seed at the rate of 50 lbs. per acre or 1 lb. per 300 square feet. For shady locations use our Shady Spot Lawn Seed at the same rate as the Evergreen Lawn Seed. Fourth—Either rake the lawn lightly or roll it in order to cover the seed.

Fancy Grass Seed, Unblended

Prices on Grass Seed Subject to Change.
Grass Seed, 50 lbs. or over at the 100-lb. rate.

Kentucky Blue Grass, Extra Fancy Seed for Lawns

One of the most widely distributed and valuable native grasses. It is a true perennial, lasting indefinitely and improving every year. It forms a close turf, starts very early in the Spring and lasts until frost. It remains small the first year, but becomes fully established the second year. It is especially valuable as a pasture grass, and is also one of the very best grasses for the lawn. Lb., 70c; 3 lbs., \$2.00; 5 lbs., \$3.25; 10 lbs., \$6.00; 20 lbs., \$11.00; 100 lbs., \$50.00.

Red Top, Fancy Extra Re-cleaned Seed for Lawns

A very hardy native grass and probably the most perennial variety we have. Red Top accommodates itself to a variety of soils, even to quite dry situations, but succeeds best on moist land. After being once established, it thickens and improves year by year, taking possession of the land and gradually supplanting other grasses. Lb., 50c; 3 lbs., \$1.35; 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs., \$7.50; 100 lbs., \$35.00.

White Dutch Clover for Lawns

This is of particular value in mixtures in permanent pastures and lawns and will grow on almost any kind of soil. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. White Dutch Clover is used mainly for sowing in mixtures with other grass seeds, especially with Blue Grass, 5 to 6 pounds per acre. Lb., 70c; 3 lbs., \$2.00; 5 lbs., \$3.25; 10 lbs., \$6.00; 100 lbs., \$50.00.

Chewings Fescue

Used extensively for golf courses, and is one of the best grasses for this purpose, as it is creeping in habit and soon forms a solid, compact turf. A single plant will spread to be a foot in diameter. Valuable for terraces or exposed hillsides. Does well on thin or poor soils and is extremely resistant to drought. Lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50; 20 lbs., \$10.00; 100 lbs., \$45.00.

Creeping Bent Grass

One of the best for putting greens, developing a fibrous turf which withstands the severest usage. It is a splendid grass also for hay and pasture on bottom lands and not too heavy soil. Lb., \$1.00; 5 lbs., \$4.75; 10 lbs., \$9.00; 20 lbs., \$17.00; 100 lbs., \$80.00.

English or Perennial Rye Grass

Invaluable for permanent pastures. It produces an abundance of remarkably fine foliage and soon forms a compact sward. After being cut, it grows up in a very short time and remains bright and green throughout the season; it consequently is well adapted for lawn mixtures. Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50; 100 lbs., \$20.00.

Rough Stalked Meadow Grass

(POA TRIVIALIS)

An ideal shade grass in the northern half of the United States. This grass is a perennial closely related to Kentucky Blue Grass, but somewhat finer and softer. It has a splendid apple-green color and is a creeper. Sow in Fall or Spring at rate of one pound to every 300 square feet. Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.00; 20 lbs., \$11.00; 100 lbs., \$55.00.

We Carry a Full Line of Farm Seeds, Such as Clover, Field Corn, Etc.

Lohrman's Cabbage Seed



Golden Acre Cabbage.

MAMMOTH RED ROCK. The largest and most reliable heading red Cabbage yet introduced; round and solid heads of deep red color.

SAVOY IMPROVED AMERICAN. For Winter use, this variety is unsurpassed; heads large and solid; very tender and of excellent flavor.

CHINESE CELERY CABBAGE, CHIHILI (Special Narrow-Head Strain). This new strain forms tall, slim, pointed heads, much heavier and taller than Pe-Tsai, and very solid. This variety does not form a Cabbage head, but when grown its full size resembles Cos Lettuce, and the outer leaves may be used during its growth. It is odorless while being cooked and the flavor is delicious, being very mild. Sow seed after June first and give plenty of room to the plants.

Carrots

One ounce will sow 100 feet of row; 3 pounds will sow an acre.

Carrots do best in a warm, deep, light and fertile soil or on a strong loam having been in clover and broken the year before.

CHANTENAY HALF-LONG. Our strain is specially selected and produces fine, uniform roots, with nice, small bunching tops. Try it this year. A medium early, half-long, smooth, blunt-rooted sort of deep orange-red color and delicate flavor. As it has a nice top, it is very popular for bunching and for frame use, allowing close planting. Shaped broadest at shoulder, tapering toward base and running suddenly to a point; the root averages 6 inches in length.

DANVERS HALF-LONG. This sort is slightly longer than Chantenay, growing 7 to 8 inches long, is square shouldered, tapering gradually to a blunt point. The root is smooth and handsome, of an orange-red color, with sweet, crisp flesh. For main planting it has no superior, and when sown during June, it produces the best roots to store for Winter.

CORELESS. This comparatively new variety is by far the earliest of its type, but its earliness does not affect in any way its size or quality. It is a half-long, cylindrical, blunt-pointed variety, with a very small tap root and small, fine top. The shape and size are extremely uniform, averaging 6 to 7 inches in length and 1½ inches in diameter, clean-skinned, smooth, and easily pulled. The flesh is very fine grained, absolutely without any woody heart or core, and entirely free from stringiness and coarseness. The red-orange flesh is of the finest flavor.

One ounce will produce 1500 plants; ½ pound will plant an acre.

Our Cabbage Seed is disinfected with SEMESAN to prevent seed-borne diseases. See page 4.

Culture. Start your early crop in hotbed in middle of February. Cover seed about one-half inch. Transplant to cold frames soon as plants are large enough, 3 to 4 inches each way. Remove glass, part of each day, to harden plants and plant out in open about middle of April. For general crop sow in open ground in late May in hills three feet apart.

The Three Best Extra Early Varieties

COPENHAGEN MARKET. The heads average about eight pounds each in weight, are very solid, with small core, and of fine quality. Matures as early as Charleston Wakefield, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded.

LOHRMAN'S EARLIEST OF ALL. The earliest round-headed Cabbage on the market. It is ready for the market 21 days or three weeks earlier than Copenhagen Market. It forms real firm heads and its extreme earliness is a factor of vital importance to the market gardener.

GOLDEN ACRE. This is a new, early, round-headed Cabbage which closely resembles Copenhagen Market in type. As its name implies, it is a money-maker. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer. Because of its earliness and fine quality it commands a higher price than any round-headed Cabbage.

The Two Best Late Varieties

LOHRMAN'S SELECT STRAIN OF SHORT STEM HOLLANDER. A strain much superior to the ordinary Short Stem Hollander in that the tonnage is far greater per acre. Lohrman's Select Strain shows records of over 20 tons per acre over a period of years. It is this extra tonnage, after production costs have been paid, that brings the profit. The secret of the increased tonnage of this strain lies in the selection for hard, tight heads which weigh one-third more than ordinary Danish heads of equal size. This feature also indicates better keeping quality, for such solidity means that the heads do not have the same tendency to crack, owing to the compactness of the plant.

We quote below the contents of a letter from one of our customers who used Lohrman's Select Strain of Short Stem Hollander Cabbage last season:

"I secured from you last year one-half pound of your Select Strain of Short Stem Hollander Cabbage seed. The result was most satisfactory. On approximately four-fifths of an acre I raised from your seed twenty-two and one-half tons of Cabbage, equivalent to more than twenty-seven tons per acre."

(See color plate on inside front cover).

SHORT-STEMMED HOLLANDER or DANISH BALL-HEAD. Quite a distinct sort. Plants medium long-stemmed, but compact; leaves very smooth. The hardest Cabbage in cultivation; endures both frost and drought that would destroy other varieties.

CABBAGE:

	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Copenhagen Market	\$0.10	\$0.40	\$0.75	\$1.40 \$4.50
Early Jersey Wakefield10	.30	.50	.85 3.00
Golden Acre10	.75	1.35	2.50 8.00
Lohrman's Earliest of All10	1.00	1.75	3.00 10.00
Premium Late Flat Dutch10	.20	.35	.65 2.25
Lohrman's Select Strain Short Stem Hollander10	1.00	1.75	3.00 10.00
Mammoth Rock Red10	.30	.50	.90 3.25
Savoy Improved American10	.25	.45	.80 2.75
Short-Stemmed Hollander or Danish Ballhead10	.30	.50	.90 3.00
Chinese Cabbage, Chihili10	.75	1.25	2.00 6.50

CARROTS:

Chantenay	.....	.10	.15	.25	.35 1.25
Coreless	.....	.10	.25	.45	.80 2.75
Danvers Half-Long	.....	.10	.15	.25	.35 1.35
Early Scarlet Horn	.....	.10	.15	.20	.35 1.25
Guerande or Oxheart	.....	.10	.15	.20	.30 1.00
Long Orange	.....	.10	.15	.20	.30 1.00
Short White	.....	.10	.10	.15	.25 .85

Cauliflower

One ounce of seed will produce 1500 to 2000 plants in open ground, or about 3000 in frames. One packet will produce 150 plants.

Our Cauliflower and Celery Seed is disinfected with SEMESAN to prevent seed-borne diseases. (See page 4).

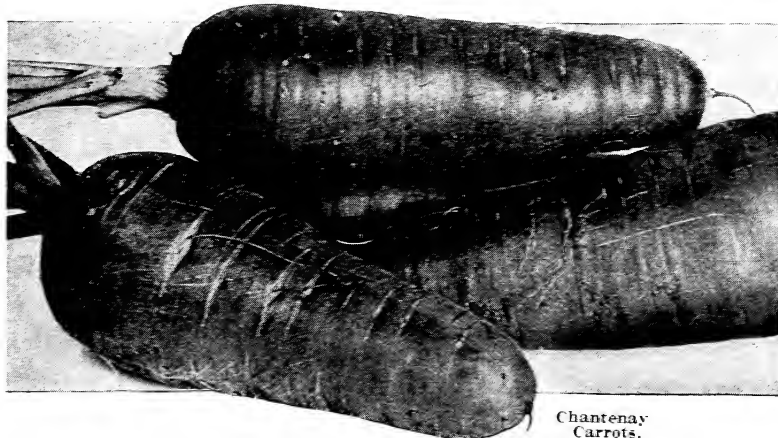
LOHRMAN'S SUPERIOR SNOWBALL. This outstanding new variety far surpasses any other for early or late crop. It is of the Snowball type but the crop heads up practically all at one time. For this reason, do not use it for large main crop plantings unless planted in succession. It excels all Snowball and Erfurt Cauliflowers for vigor and freedom from disease and produces first grade No. 1 heads. It is very early and will be entirely headed-up when only an occasional plant of the other varieties shows heading. Lohrman's Superior Snowball has unusually fine protection. The leaves are broad, somewhat crumpled, and without any bare stem. The inner leaves wrap tightly over the head from its beginning up to 4 inches diameter, when the heads should be tied up. A few days of favorable growing weather quickly increases the size to 10 to 11 inches diameter. For this reason, watch the plants closely and cut at the size that best suits your market. The heads are very deep with pure white, solid, rounded curds.

SNOWBALL (Perfect Strain). We have a very fine improved strain of the true Snowball type. The plant is dwarf and compact and the heads are large, solid, snow-white, and with no protruding leaves when well grown under favorable conditions. Matures early but usually the best heads are obtained from plants set out rather late.

Collards

One ounce will sow 200 feet of row.

GEORGIA. Cultivation same as cabbage, of which it is really a tall, loose-leaved form. Grows 3 feet high, forming a cluster of undulated leaves at the top of its long stem.



Chantenay Carrots.

"Damping Off" Controlled



We have always had a lot of trouble with plants damping off in the greenhouse and frames. "Damping off," caused by a fungous disease, can be controlled by steaming the soil, but this is a very expensive and laborious method. For the past two seasons we have found that by treating the soil with "Semesan," a new mercurial disinfectant, we have been able to absolutely stop damping off in the greenhouses, in some cases almost over night. The method is very easy and not expensive. Simply water the bed with a solution of Semesan. For prices and further details, see colored insert page in front of book.



Lohrman's Superior Snowball Cauliflower.

Celery

One ounce of seed will produce 3000 plants; 1/4 pound will plant an acre.

GOLDEN SELF-BLANCHING. Ready for use nearly as early as White Plume. Blanches as easily and is larger in size as well as finer in quality.

GOLDEN PLUME or WONDERFUL. Authorities pronounce this the best golden, self-blanching Celery. Matures two to three weeks before any other and blanches in half the time required by others. Large, crisp, tender. No strings. Broad stalk. Does not grow hollow, and all of it, including the foliage, is good eating.

WINTER QUEEN. A medium tall, solid variety. Heart is creamy white and very full. An excellent keeper.

CELERY SEED FOR FLAVORING.

Celeriac

LARGE SMOOTH PRAGUE. Cooked and prepared as a salad it is very desirable; it has a rich, meaty, distinct celery flavor. It may also be cooked as are turnips and parsnips.

Chicory

WITLOOF or FRENCH ENDIVE. The leaves and leaf stems of this variety are blanched and used as a salad like Endive or Cos Lettuce.

CAULIFLOWER:

	Pkt. 1/4 oz.	Oz.	2 ozs.	4 ozs.	Lb.
Lohrman's Superior Snowball, Trial pkt.	\$0.50	\$1.75	\$5.00	\$9.50	\$18.50
Early Snowball	.10	.75	2.50	4.00	7.50

CELERY:

	Pkt. 1/4 oz.	Oz.	2 ozs.	4 ozs.	Lb.
Golden Self-Blanching	\$0.10	\$1.00	\$1.60	\$2.75	\$10.00
Golden Plume or Wonderful	.10	2.50	4.15	7.50	25.00
Winter Queen	.10	.35	.60	1.00	3.50
Celery Seed for Flavoring	.10	.15	.25	.50	

CELERIAC

	.10	.25	.35	.65	2.75
--	-----	-----	-----	-----	------

CHICORY:

Witloof	.10	.25	.45	.80	2.75
---------	-----	-----	-----	-----	------

COLLARDS

	.10	.15	.25	.85	
--	-----	-----	-----	-----	--

Lohrman's Sweet Corn

One pound will plant 100 hills; 12 pounds will plant an acre.

Culture. Use deep, rich soil. Plant for succession of crop every three weeks when the ground becomes warm and mellow, usually early in May. Plant in hills three feet apart each way. Six seeds to each hill. Cover half an inch when you thin out to three plants.

BANTAM EVERGREEN. A cross between Golden Bantam and Stowell's Evergreen, and a most excellent sort of fine quality. Ears 7 inches long and 12- to 14-rowed. Grain broad and deep, of a rich, golden yellow color.

BLACK MEXICAN. The ripe grain is bluish black, but when in condition for table, cooks white; by many considered the standard for sweetness. Desirable for family use.

COUNTRY GENTLEMAN. Unsurpassed for family use and the home garden. The cob is small with deep pearly milk-white kernels full of sweetness. Ears are produced in great abundance, sometimes four to six to one stalk.

GOLDEN BANTAM. This has become the standard for high quality in Sweet Corn. The ears are 6 to 7 inches long, with 8 to 10 rows of deep yellow kernels; which are deliciously sweet and tender. Matures medium early. Our stock has been carefully bred and it will be found far superior to most Golden Bantam.

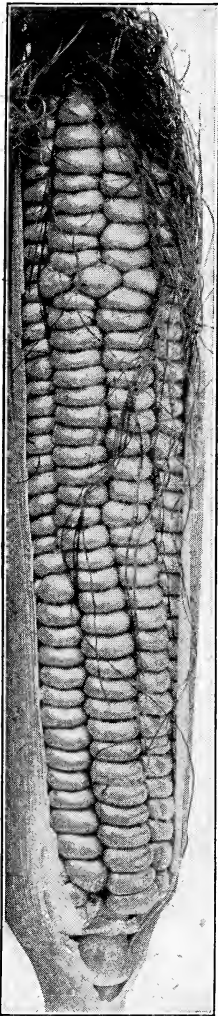
GOLDEN SUNSHINE. The earliest of the Golden Bantam type, maturing a week or ten days earlier than that variety; more dwarf in habit than Bantam, with ears 6½ inches long, containing 12 rows of broad, yellow, sweet grains. Especially desirable for its extreme earliness.

60-DAY MAKE GOOD. A first early Corn with decided merit for the market gardener, being the first large-eared white Sweet Corn in the market. Plant growth about 3¼ feet; ears close to the ground. Ears 6 to 7 inches long, blocky in form, 12- to 14-rowed, with exceptionally white grains.

STOWELL'S EVERGREEN. Popular sort. One of the best known and widely grown. Ears large with deep kernels of a rich, sugary flavor. Valued for its keeping qualities.

WHIPPLE'S EARLY WHITE. This is an extra early variety with the deep grain of the Evergreen type. The stalks are 5 to 6 feet high, of vigorous growth; the ears are produced 1½ feet from the ground, often two to the stalk and are 8 inches long, rather "blocky" in form, 16- to 18-rowed, filled with deep wedge-shaped grains of pearly whiteness and high sugar content.

WHIPPLE'S YELLOW. A new yellow Sweet Corn that matures a few days before Golden Bantam and in addition grows ears 7 to 8 inches long and 12- to 16-rowed, with often two ears to one stalk. Whipple's Yellow grows quite tall and the eating quality of the corn is very excellent.



Bantam Evergreen
Sweet Corn.

Cucumbers

One ounce will plant 50 hills; 2 pounds will plant an acre in hills; 5 pounds in drills.

Culture. Sow in the open ground as soon as weather is warm and settled. Sow seed one-half inch deep in the hills. The hills should be 4 to 6 feet apart and each hill enriched with well-rotted manure. For pickling sow from middle of June to first week of July. When plants are well up, thin out. Striped bugs readily attack the young plants. Use our Nicotine Dust, it gives 100 per cent kill.

EXTRA LONG or EVERGREEN WHITE SPINE. Unexcelled in table quality. The flesh is unusually thick and seed space extremely small. Flavor is unsurpassed and meat is white, firm and crisp. Vines are of vigorous growth with large, heavy foliage. The color is a rich, dark green. Size 10 to 12 inches in length, always straight, and never turns yellow.

IMPROVED LONG GREEN. Long, dark green variety of good standing.

CHICAGO PICKLING. A variety esteemed and grown extensively for the large pickling establishments on account of its superiority as a pickling Cucumber.

DAVIS PERFECT. This Cucumber is perfect, combining quality, shape, color and productiveness. The Cucumbers grow long and slim, sometimes measuring 12 inches in length, and the color is a rich, dark, glossy green.

EARLY FORTUNE. Early, very productive and disease-resistant. The fruits grow 9 inches long and 2½ inches in diameter, slightly tapering; flesh white, very firm and crisp; color rich, dark green.

LONGFELLOW. To supply an ever-increasing demand for a Cucumber which when grown out-of-doors would have the slender, dark green appearance of a hothouse product, we present the "Longfellow." This variety, unlike most other sorts, succeeds equally well in the garden or the greenhouse. The Longfellow is a White Spine type with an admixture of Emerald blood, from which it gets its intense, dark green appearance. The vines are exceptionally healthy and productive and fairly early. The fruits will average 12 to 14 inches in length by 2½ inches in diameter and are very symmetrical. The color is all that could be desired and this variety will retain its dark green color when trucked to distant markets. An ideal type for the private garden or as a "straight pack" variety for shipment, boxed, to high grade markets.



Longfellow Cucumber.

CORN:

	Pkt.	½ lb.	Lb.	5 lbs.	100 lbs.
Bantam Evergreen	\$0.10	\$0.25	\$0.40	\$1.60 \$21.00
Black Mexican10	.20	.35	1.40 18.00
Country Gentleman10	.20	.35	1.40 18.00
Golden Sunshine10	.25	.45	1.75 25.00
Golden Bantam10	.25	.35	1.40 18.00
60-Day Make Good10	.25	.40	1.60 22.00
Stowell's Evergreen10	.25	.40	1.40 18.00
Whipple's Early White10	.25	.45	1.75 25.00
Whipple's Yellow10	.25	.45	1.75 25.00
POP CORN—White Rice10		.25	1.00 15.00

We supply 10 lbs. and over of Corn at 100-lb. rate.

	Pkt.	Oz.	2 ozs.	4 ozs.	Lb.
CORN SALAD	\$0.10	\$0.15	\$0.25	\$0.40 \$1.25
CRESS:					
Curled10	.15	.20	.25 .75
True Water10	.35	.60	1.00 3.50
CUCUMBERS:					
Chicago Pickling10	.15	.25	.35 1.00
Davis Perfect10	.15	.25	.40 1.50
Early Fortune10	.15	.25	.40 1.50
Extra Long or Evergreen					
White Spine10	.15	.25	.40 1.50
Early White Spine10	.15	.25	.35 1.00
Improved Long Green10	.20	.35	.65 2.25
Klondike10	.15	.20	.35 1.25
Longfellow10	.50	.75	1.00 3.00

Semesan Jr. for Corn Diseases

Lohrman's Superior Lettuce Collection

One ounce will sow 150 feet of drill; 3 pounds will sow an acre.

For earliest crops sow the seed in hotbed in February or March, transplant in sheltered rows with southern exposure. For successive crops, sowings may be made in the open ground as early as Spring opens, continuing well into July. Always thin out well or the plants will not be strong. When wanted as cut salad, sow the seed thickly in rows or broadcast.

Heading Varieties

BIG BOSTON. This is the best variety either for the big market grower or the home gardener. The heads are large and blanch to creamy white. It is a sure header and stands a long time before going to seed.

MAY KING. If you want a very first early Lettuce, plant May King. It is equally good for outdoor growing and forcing. The outer leaves have a slight brownish tinge, while the heart is a beautiful yellow.

NEW YORK ICEBERG or WONDERFUL. Leaves beautifully curled at the edges, crisp and brittle; bright green. Very solid; well blanching.

UNRIVALED. An improvement on the white-seeded Big Boston, forming very solid, large, pale green heads without the reddish brown tinge, and of excellent quality. Forms a head in six weeks; at least ten days earlier than the regular Big Boston. May be sown all through the year and stands heat remarkably well. Is crisp, tender and solid.

WHITE SELF-BLANCHING COS (Romaine Lettuce). This kind of Lettuce is distinguished by its long, narrow, spoon-shaped leaves, folding into loose, sugar-loaf-shaped heads which blanch better by having the outer leaves drawn about them and tied. The quality is distinct from that of the Cabbage Lettuces and by many is considered very superior.

Curled Varieties

BLACK-SEEDED SIMPSON. A large clustering sort of attractive, light yellowish green. The leaves are ruffled, blistered and tender. Used for under glass or in frames.

GRAND RAPIDS. This being of quick growth, is fine for greenhouse forcing and hardy. The plant is upright and carried well above the soil so is little liable to rot and rust. It forms loose clusters of large, thin, bright green leaves, savored and crimped edges.

Eggplant

Our Eggplant Seed is disinfected with SEMESAN to prevent seed-borne diseases. See page 4.

Sow seeds in hotbed in April or May. Then transplant in cold frames and plant in open ground when weather becomes sufficiently warm in June or July. The soil can hardly be made too rich.

BLACK BEAUTY. This is the earliest and best of all the large-fruited Eggplants. The bushes are well rounded, sturdy, branching freely near the ground. The large fruits are thick, heavy at the base and reducing toward the stem, of a dark purplish black color.

EARLY LONG PURPLE. An early variety with fruit 6 to 8 inches long and 2 to 3 inches through. Matures early and is very prolific.

Endive

Sow the seed in beds, covering lightly; transplant in rows about 18 inches apart. About two weeks before ready for use it is blanched by tying the leaves together with raffia or soft cord.

GREEN CURLED. The leaves are large and finely cut and curled and easily blanch to a creamy white in the center. This is the most popular variety.

BROAD-LEAVED BATAVIAN. Leaves are broad, thick, green, more or less twisted and waved with white mid-ribs. It forms large hearts, which, when blanched, form one of the best Winter salads.



Grand Rapids Lettuce.

Kale or Borecole

Used principally for greens and for garnishing. Hardier than cabbage and is improved by frost. Sow seed from May to June, and cultivate same as cabbage. For early Spring use sow in September and protect during Winter. **DWARF CURLED SCOTCH.** Extra fine curled bright green leaves, tender and of fine flavor.

Kohl-rabi

One ounce will sow 200 feet of row; 4 pounds will sow an acre.

One of the most useful vegetables for the Autumn. It combines the good qualities of the turnip and cabbage. Sow seed in rows 18 inches apart, thinning out when large enough.

EARLY WHITE VIENNA. Delicate. Much prized for forcing.

Leek

One ounce will sow 100 feet of row; 4 pounds will sow an acre.

This belongs to the onion family and is a good Fall and Winter substitute for green onions. The leaves are flat, and the stems are very large, cylindrical and bulbous. Sow early in Spring in drills 12 to 15 inches apart, covering one-half inch deep. Thin plants to 6 inches apart in row and draw the earth about them when cultivating. If one desires very white and tender Leeks transplant when about 6 inches high, setting 4 inches apart in trenches about 2 feet apart and gradually earth up like celery.

MONSTROUS CARENTAN. A very large variety of superior quality.

DANDELION:

	Pkt.	Oz.	2 ozs.	1/4 lb.	Lb.
Thick-Leaved	\$0.10	\$0.55	\$1.00	\$1.75	

EGGPLANT:

Early Long Purple	.10	.70	1.50	2.25	6.50
Black Beauty	.10	.50	.90	1.60	5.50

ENDIVE:

Broad-Leaved Batavian	.10	.15	.20	.35	1.25
Large Green Curled	.10	.15	.20	.35	1.25

KALE:

Dwarf Curled Scotch	.10	.15	.25	.35	1.20
---------------------	-----	-----	-----	-----	------

KOHL-RABI:

Early Purple Vienna	.10	.25	.45	.85	2.75
Early White Vienna	.10	.25	.45	.85	2.75

LEEK:

Monstrous Carentan	.10	.25	.40	.75	2.75
--------------------	-----	-----	-----	-----	------

LETTUCE—Curled Varieties:

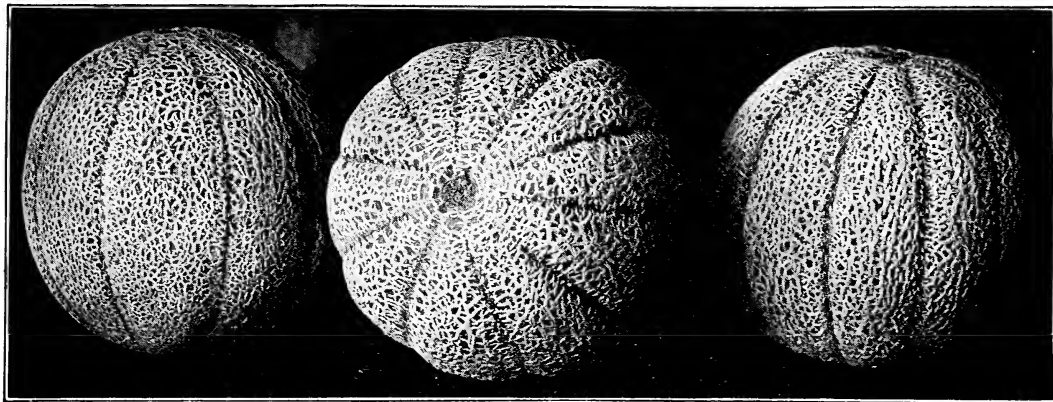
Black-Seeded Simpson	.10	.20	.30	.50	1.75
Grand Rapids	.10	.20	.30	.50	1.75

LETTUCE—Heading Varieties:

Big Boston	.10	.20	.30	.50	1.75
------------	-----	-----	-----	-----	------

New York Iceberg or

Wonderful	.10	.25	.40	.75	2.50
May King	.10	.20	.30	.50	1.75
Unrivalled	.10	.20	.35	.65	2.25
White Self-Blanching Cos	.10	.20	.35	.60	2.00



Lake Champlain Muskmelons.

Muskmelons of Merit

One ounce will plant 50 hills; 2 to 3 pounds will plant an acre.

Do not plant until the danger of frost is past. Sow in hills 6 feet apart each way. Put 10 to 12 seeds in each hill and when well up thin out to two or three plants. Melons must have light, well worked, moderately rich soil. Pinch the ends of main stems, which will strengthen the vine and induce earlier and heavier fruiting.

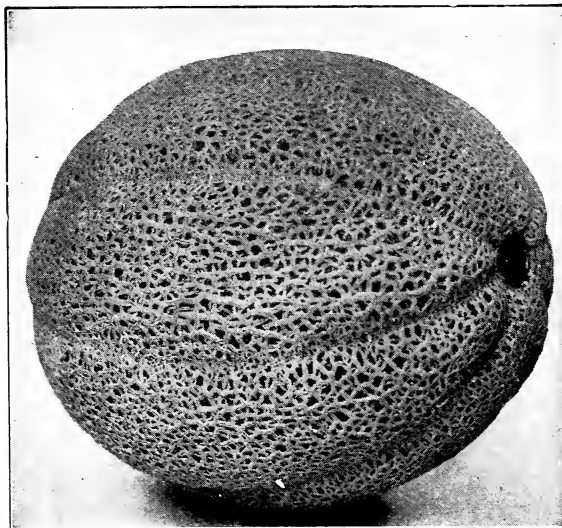
Salmon-Fleshed Varieties

BENDER'S SURPRISE. A high class Melon of delicious flavor and sweetness. The flesh is deep orange and very thick. The large, oval-shaped, coarsely netted Melons often weigh from 10 to 15 pounds each. The flesh is so thick and the rind so firm that Bender's Surprise will keep perfectly for a week after picking, and the flavor will actually improve.

EXTRA EARLY OSAGE. It is one of the earliest and best Melons grown. The oval fruit is dark green, slightly ribbed and gray netted. The flesh is a rich orange-salmon, very thick and with small seed cavity.

HEARTS OF GOLD. Most highly recommended for commercial or private growers. Vines are strong, vigorous and disease resistant. Melons are of convenient size, fine appearance, and the deep orange colored flesh is of delicious flavor.

OSAGE. Medium to large size, of excellent quality. Vigorous and productive. Fruits oval, dark green, slightly ribbed. Flesh salmon color, thick, fine grained, highly flavored. A favorite variety for the later market.



Bender's Surprise Muskmelon.

Extra Early Lake Champlain Muskmelon

If your season is a short one, or if you want to get the first Melons to your market from your section, use Lake Champlain. Those Muskmelons which are commonly planted take from 70 to 90 days to mature. This one will be ready far ahead of any of them, and is the earliest we have seen. It is very productive, as is evidenced by one grower's crop of 1,975 half-bushel baskets to the acre. The plant is very vigorous and healthy, setting and ripening Melons rapidly even under adverse conditions. The Melons are medium sized, of the Hackensack shape, and nicely netted. The flesh is deep, very sweet and a beautiful golden yellow color.

Watermelons

One ounce will plant about 20 hills; 3 to 4 pounds will plant an acre.

Culture is the same as for muskmelons, but place the hills eight to ten feet apart.

KLECKLEY'S SWEET. This variety is more widely used for market and home garden than any other kind. Often reaches 22 inches in length and 40 pounds in weight. Skin dark green; flesh bright red; seeds white. Medium early. Highly recommended.

HARRIS EARLIEST. An extra early Melon of excellent quality. Fruit large for an early variety; oblong, broad stripes of light and dark green. Flesh bright red, tender and sweet. Seed black.

CITRON FOR PRESERVES. Fruit round and smooth. Is not eaten raw, but is used for making a very clear, transparent preserve of peculiarly fine flavor. Flesh white and solid.

Melons Ripen Earlier with Hotkaps

MUSKMELONS—Salmon-Fleshed Varieties:

	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Bender's Surprise	\$0.10	\$0.10	\$0.65	\$1.00	\$2.75
Extra Early Osage .....	.10	.30	.30	.50	1.75
Hearts of Gold .....	.10	.30	.30	.50	1.75
Osage .....	.10	.30	.30	.50	1.75
Extra Early Lake Champlain .....	.10	.35	.60	1.00	3.50

WATERMELONS:

Kleckley's Sweet .....	.10	.15	.20	.30	1.00
Harris Earliest .....	.10	.15	.20	.25	.85
Citron—For Preserves ..	.10	.15	.25	.35	1.25

Onions

One ounce will sow 100 feet of row; 5 pounds will sow an acre.

Our Onion Seed is disinfected with SEMESAN to prevent seed-borne diseases. (See page 4).

Onions must have clean and very rich soil. A liberal use of manure is more essential to this than any other crop. It should be of the best quality, well fermented, and thoroughly worked over during the previous Summer. Get the seed in as early as possible in the Spring. Sow in drills not less than a foot apart nor more than half an inch deep. Keep soil mellow and clear of weeds. In cultivating do not cover the young bulbs with earth.

MICHIGAN YELLOW GLOBE. A variety specially suited for muck soils. Bulbs are large, globe-shaped with flattened base, small-necked, with slightly less slope to the shoulder than the Southport Globes. The skin is a rich yellow, tinged with orange; flesh is creamy white, mild and of fine quality.

PRIZETAKER. A very handsome late or main crop Onion of the largest size and nearly globular in form, sloping slightly at the shoulder and base. Skin is yellowish brown. Flesh is creamy white, very mild, fine flavor.

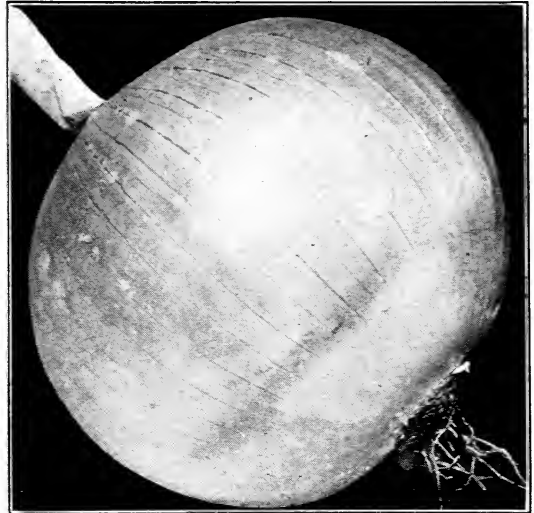
LARGE RED WETHERSFIELD. An Onion of very productive habit and a fine keeper. The skin is deep purplish red, which covers a round, somewhat flattened bulb of purplish white flesh.

SOUTHPORT WHITE GLOBE. The finest of all white Onions. A good shipper and keeper. Our stock has the true globe shape, full at the base and shoulder. Crops raised from our seed have given excellent results to others; they will do the same for you.

WHITE PORTUGAL or SILVERSKIN. A fine white sort for sets, or bunching when young. Mature bulbs are of medium size, flattened globe with silver-white skin. For Summer and early Fall use.

YELLOW GLOBE DANVERS. A standard sort which grows to a large size. Bulbs large and globular, with very thin necks; rich orange-yellow. Flesh white and mild.

WHITE QUEEN. A very early, very white, clean-skinned variety used for bunching when young. One of the best for small pickles.



White Globe Onion.

WHITE WELSH. A perennial sort which forms many small slim Onions, used only to bunch for salad. The Summer crop is sown in Spring. To carry over Winter for Spring crop, it should be sown in furrows 4 inches deep and the soil leveled up as the plants grow. This bleaches more stem and affords Winter protection.

Onion Sets

(Onion Sets at Market Price).

WHITE BOTTOM SETS.
YELLOW BOTTOM SETS.

Mustard

One ounce will sow 100 feet of row; one pound will sow an acre in drills; two pounds if broadcasted.

Imparts a pungent flavor to salads, sandwiches, etc. Sow at frequent intervals one-half inch deep in drills 5 inches apart.

FORDHOOK FANCY. Has long, slender, plumelike, finely curled leaves of a deep green color, with edges deeply cut. Stands a long time before running to seed.

Mushrooms

Mushrooms can be grown wherever there is a cellar or a closed shed, in which an even temperature of from 50 to 60 degrees can be maintained and where a plentiful supply of fresh horse manure for making the beds can be obtained. **PURE CULTURE SPAWN.**



Fordhook Fancy Mustard.

Parsley

One ounce will sow 150 feet of row; 3 lbs. will sow an acre.

CHAMPION MOSS CURLED. A very fine curled variety. One of the most handsome for garnishing purposes. The nice green curled leaves make it desirable.

HAMBURG or ROOTED. The fleshy root resembles a parsnip. The leaves are used for soup, greens, and the roots are delicious when sliced.

PLAIN or SINGLE. Leaves flat, deeply cut, but not curled.

Parsnips

One ounce will sow 150 feet of row; 4 lbs. will sow an acre.

Sow as early in the Spring as the weather will permit, in drills 13 inches apart and 1 1/2 inches deep, in a deep, rich soil; thin out 3 to 6 inches apart in the rows. The quality is improved by leaving in the ground over Winter for Spring use. For a Winter and Spring vegetable, Parsnips are both appetizing and healthful.

HOLLOW CROWN. A real hollow-crowned selection. The roots are about 12 inches long, with smooth white skin, uniform in shape, tapering evenly from a heavy shoulder down to a small root. The flesh is tender and of best quality.

MUSHROOMS—Pure Culture Spawn.....		Per brick, 35c	
MUSTARD:		Pkt.	Oz. 2 ozs. 1/4 lb. 1 lb.
Fordhook Fancy	\$0.10	\$0.20	\$0.25 \$0.35 \$1.00
OKRA:			
White Velvet .....	.10	.15	.20 .25 .75
PARSLEY:			
Champion Moss Curled .....	.10	.15	.25 .40 1.50
Hamburg or Rooted .....	.10	.15	.25 .40 1.50
Plain or Single .....	.10	.15	.20 .35 1.00
PARSNIPS:			
Hollow Crown .....	.10	.15	.20 .25 .75
ONIONS:			
Michigan Yellow Globe ....	.10	.25	.40 .75 2.50
Prizetaker .....	.10	.25	.40 .75 2.50
Large Red Wethersfield .....	.10	.20	.35 .60 2.00
Southport White Globe .....	.10	.30	.50 .90 3.25
White Portugal .....	.10	.30	.50 .85 3.00
White Queen .....	.10	.30	.50 .90 3.25
White Welsh .....	.10	.35	.60 1.00 3.75
Yellow Globe Danvers .....	.10	.25	.40 .75 2.50

Best Northern Grown Seed Peas

Two pounds will plant 100 feet of row; 120 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate. If ordered shipped prepaid, add 8c per pound.

For early crops sow as early in Spring as possible; then sow every two or three weeks apart for a succession throughout the season well into August. Plant in single rows or double, 4 feet apart and 2 inches deep. In dry weather soak the Peas over night before planting.

GRADUS or PROSPERITY. A standard, early large podded variety, very popular with market gardeners. Height 2½ feet. Vine and foliage moderately heavy and medium green; pods medium green, 3¼ in. long, semi-round, straight, slightly curved at the tip, and pointed, containing 6 to 8 large, very sweet, medium green peas; moderately productive and of high quality.

HUNDREDFOLD. Decidedly the best of the Laxtonian types; vine 16 in. high, sturdy, dark green and productive; pods dark green, 4 in. long, fairly broad and pointed containing 8 large, dark green peas; excellent quality.

LAXTONIAN. A large podded, dwarf variety on the order of Gradus, though more dwarf and a little earlier. Height 1½ feet; pods and vine deep green; pods 3¼ in. long, straight and pointed, containing 6 to 8 large, dark green peas.

LITTLE MARVEL. An extra fine dwarf sweet pea. Pods somewhat larger than Nott's Excelsior and same season. A fine variety for either private or market garden. Height 14 in. Foliage and pods very dark green; pods 3 in. long, nearly round and square ended, containing 7 very dark green peas of high quality; very productive.

THOMAS LAXTON. A very popular gardener's variety. Height 2½ feet; vine and foliage moderately stout, medium green; pods medium green 3½ inches long, straight, nearly round and square ended, containing 7 medium dark green peas of superior quality.

WORLD'S RECORD. An improved type of Gradus, being slightly earlier, more dwarf, true to type and productive. Height 2 feet. Vines moderately stout, medium green; pods medium green, 4 in. long, fairly broad, pointed and well filled with 7 to 9 very large, dark green peas of exceptional quality.

Late or Main Crop Varieties

ALDERMAN. Of the Telephone type but with darker pods and peas. Height 4 feet. Vine strong and stout, medium green; pods 4¼ in. long, very broad, dark green, pointed, straight, though slightly curved at the point, containing 9 large, medium green peas of finest quality.

ONWARD. A very distinct and valuable new midseason variety, coming in just ahead of Telephone. A heavy cropping pea, 2½ ft. in height, with vigorous, strong, medium-green foliage. Pods are 4 inches long, large, broad, straight and blunt ended, deep green in color. Decidedly the best pea of recent introduction.

TELEPHONE. A standard, high quality, large podded pea. Height 4 feet. Vine and foliage strong and heavy, medium green. Pods 4½ in. long, medium green, straight, broad and pointed, containing 8 large, light green peas; main crop, productive.

Peppers One ounce will produce 1000 to 1600 plants

Sow seeds in a hotbed or in a box in the house, transplant when three inches high into cold frame, and when the ground is warm enough, transplant into the open.

The Four Leading Varieties

CALIFORNIA WONDER PEPPER. Here's a new Pepper of real merit. It's nearly as large as, and earlier than Chinese Giant, but is blocky or square-ended, just the shape you've been looking for. It will sit upright and is ideal to stuff and bake, or to serve whole with salad. Its walls are exceptionally thick, heavier and firmer than any other sort, and the flesh is deliciously sweet and spicy, with no bite to it. Some specimens in our trials measured 4½ inches across and weighed 1½ pounds. The bright attractive green changes to a brilliant light crimson. Try it; it's a wonder.

CHINESE GIANT. An exceedingly large red Pepper. The plants are vigorous but stocky, about 2 feet high, well branched and thickly set with fruits. The monstrous fruits mature slightly later than Ruby King, are blocky in form, 4 to 5 inches broad at the top and of equal length, divided into four or more large ridges, and of a most brilliant glossy scarlet color. All fruits are enormous and very mild.

CRIMSON GIANT. The earliest of the very large sized Peppers, 4½ inches long and 3½ inches across the top. Flesh is thick, firm and mild. Plants are 2½ feet high, larger and more productive than Chinese Giant.

HARRIS' EARLY GIANT. The earliest and most prolific large Pepper. Very large, early, and yields enormously; fruits 5 inches high and 4 inches across, 21 Peppers fill a 14-quart basket. As large as Chinese Giant, 3 or 4 weeks earlier and much more prolific.

Pumpkins

One ounce will plant about 25 hills; 4 pounds will plant an acre.

Pumpkins are usually raised among corn. When the corn is about 1½ feet high or after it receives its last cultivation, the seed is sown, dropping three seeds in every third hill. Or the seed may be sown in May, after the 15th, in hills 8 feet apart, placing 6 seeds in every hill and later thinning out to four plants.

LARGE YELLOW. Large, round, flattened fruit, very hardy and productive. Fine keeper. The very best for family use.

SWEET SUGAR or NEW ENGLAND PIE. This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small, round Pumpkin, dark orange in color, with thick, dry, fine grained flesh.

Our Pepper Seed is disinfected with SEMESAN to prevent seed-borne diseases. (See page 4).

Standard Varieties

LARGE BELL or BULL NOSE. The plants are vigorous, 2 feet high, compact and productive, ripening crop uniformly and early. Fruits are 3 inches long and 3 inches across the top, with very thick, pungent flesh. Deep green when young, scarlet-crimson when ripe.

LARGE BELL or BULL NOSE (Hot). Same as the Sweet Bull Nose, only very pungent.

LARGE YELLOW HUNGARIAN. (Real Hot). Peppers are 6 inches long, 2 inches thick at stem end, running to a gradual taper, resembling in size and shape a large Red Cayenne. Color a bright yellow changing to a bright crimson when ripe. Flesh smooth and waxy in appearance. A good seller for the market gardener in and around Detroit. (Supply limited).

LONG RED CAYENNE. A red hot variety. The slender, pointed, 3-inch pods taper from one-half inch to the point.

RED CHILI. An exceedingly prolific, very hot variety, used for Pepper sauce; fruits about 1½ inches long.

RUBY KING. The fruit is 5 to 6 inches long, and 2½ to 3 inches in diameter, bright red when ripe, deep green when young; flesh thick and very mild. Harris' Earliest bears many more Peppers but they are not quite as large.

PEPPERS:	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Chinese Giant	\$0.10	\$0.50	\$0.90	\$1.50	\$5.50
California Wonder .....	.10	1.15	2.00	3.75	14.00
Crimson Giant .....	.10	.50	.90	1.60	5.50
Harris' Early Giant .....	.10	1.00	1.75	3.00	10.00
Large Bell or Bull Nose (Sweet) ..	.10	.40	.75	1.40	4.50
Large Bell or Bull Nose (Hot) ..	.10	.45	.80	1.50	5.00
Long Red Cayenne .....	.10	.40	.70	1.25	4.00
Large Yellow Hungarian ..	.10	1.00	1.85	3.50	12.00
Red Chili .....	.10	.40	.75	1.25	4.00
Ruby King .....	.10	.50	.85	1.40	4.75
PUMPKINS:					
Large Yellow .....	.10	.15	.20	.25	.75
Sweet Sugar or New England Pie ..	.10	.15	.20	.30	1.00

PEAS:	Pkt.	¼ lb.	Lb.	5 lbs.	100 lbs.
Gradus	\$0.10	\$0.25	\$0.40	\$1.25	\$20.00
Hundredfold .....	.10	.25	.40	1.35	22.00
Laxtonian .....	.10	.25	.40	1.35	22.00
Little Marvel .....	.10	.25	.45	1.45	24.00
Thomas Laxton .....	.10	.25	.40	1.25	20.00
World's Record .....	.10	.25	.40	1.35	22.00

PEAS—Late or Main Crop:

Alderman .....	.10	.25	.35	1.20	18.00
Onward .....	.10	.30	.50	1.50	25.00
Telephone .....	.10	.25	.35	1.20	18.00

Lohrman's Superior Radishes

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast.

The secret in growing good Radishes consists chiefly in the observance of three points: First, grow them on light, quick soil. Second, give them plenty of water. Third, get the right kind of seed. Radishes grow very rapidly and, if not given sufficient moisture, will turn pithy. Sow the seed one-half inch deep in early Spring, in rows one foot apart, and remember that the more fertile the soil the faster they will grow. For succession sow every ten days.

CRIMSON GIANT. This new type attains a size more than double that of any other turnip variety without getting pithy or hollow. The pure white flesh is crisp, tender and mild. Sow thinly to allow full development.

CINCINNATI MARKET. Long, smooth, slender, uniform, tapering roots about 6 to 7 inches long, and five-eighths inch in diameter at the shoulder. It is of a fine, deep red color and one of the best of the early long varieties.

Early Scarlet Globe Radishes

(Lohrman's Premium Strain)

A fine early Radish. It is oval to round in shape, very bright red. Flesh white, firm and crisp. The Radishes are clear scarlet without purple tinge and grow very rapidly, being ready to pull in about 18 days. (Read on outside back cover why Lohrman's Premium Strain Scarlet Globe Radish seed is far superior to any other now offered).

EARLY SCARLET TURNIP WHITE TIPPED. A fine variety for forcing or outdoor culture; roots are round, deep scarlet, shading to a white tip at the bottom.

ICICLE. The finest of pure white, early sorts. Planted in Spring, this variety is ready for pulling in about three weeks. Long, slender, purest white. These Radishes are crisp and tender, both when young and later.

WHITE STRASBURG. Of handsome, oblong, tapering shape, both skin and flesh being pure white. The flesh is firm, brittle and tender, and retains its crispness even if old and large.

Winter Varieties

CALIFORNIA MAMMOTH WHITE CHINA.
ROUND BLACK SPANISH.

Rhubarb

One ounce of seed will sow 75 feet of drill.

VICTORIA. The best standard sort. Yields immense crops.

Salsify - Vegetable Oyster

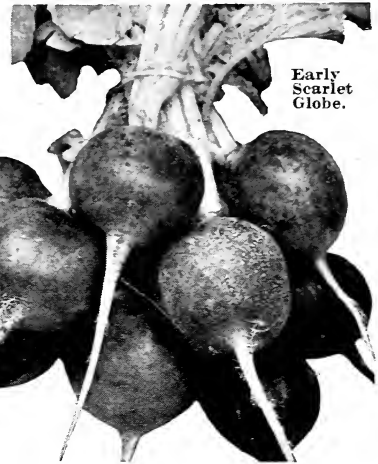
One ounce of seed will sow 60 feet of drill.

Culture same as for parsnips. This is one of the most desirable Winter vegetables; the roots, when cooked, are very palatable and nutritious.

MAMMOTH SANDWICH ISLAND.

Sorrel

LARGE FRENCH BROAD-LEAVED. One of the best, having large, pale green leaves of mild, acid flavor; esteemed as a salad, also cooked as greens.



Early
Scarlet
Globe.

Spinach

One ounce will sow 100 feet of row; 15 pounds will sow an acre in rows, 25 pounds if broadcast.

For a succession sow the seed in early April and again late in May in drills one foot apart and one inch deep, thinning out when plants are about 4 inches high. For the principal crop sow from first to middle of September, protecting crop with a light covering of straw or leaves.

The Three Best Varieties of Spinach

BLOOMSDALE SAVOY-LEAVED, SELECTED. First early. Best for Fall, but if sown very early in the Spring will produce a good crop. Produces large, glossy, dark green leaves, crumpled or blistered, very thick and of great substance. The most largely grown Spinach on the market. Has a tendency to bolt to seed in warm weather.

NEW LONG-STANDING SAVOY-LEAVED. Second early. A fine strain of outstanding merit. It will stand in marketable condition 10 to 14 days longer before bolting than regular Savoy and is darker green. The inferior early shooting male plants are entirely lacking. Wherever Bloomsdale is grown, this improved strain is satisfactory.

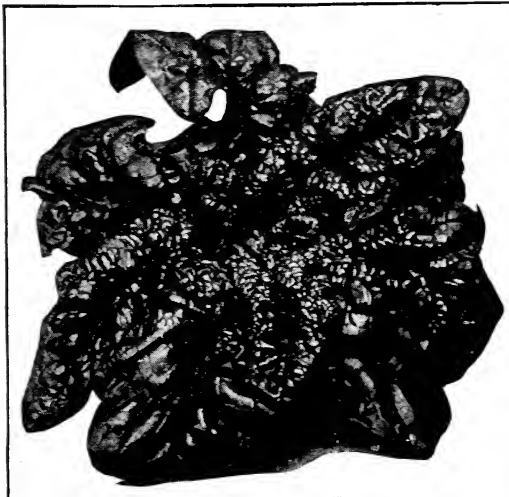
JULIANA. The best for late Spring or Summer; grows close to the ground; dark green, crumpled leaves, keep fresh-looking and retain their crispness a long time after being cut; stands well.

OTHER VARIETIES OF SPINACH

KING OF DENMARK. As early as any and will stand two weeks longer than any other variety before going to seed. Holds up well after being cut. Dark green and crumpled. Highly recommended.

NEW ZEALAND. This plant is really not a spinach, but is used as such. It grows 1½ feet high and is very prolific. Grows well during hot Summer weather when the ordinary Spinach cannot be had.

VICTORIA. A low-growing variety, forming flat on the soil, a rosette of exceedingly thick, dark green, glazed, much crumpled leaves. Good for Spring or Fall sowing; stands for a long time before going to seed.



New Long-Standing Savoy-Leaved Spinach.

RADISHES:	Pkt.	Oz.	2 ozs.	4 ozs.	Lb.
Cincinnati Market	\$0.10	\$0.15	\$0.20	\$0.30	\$1.00
Crimson Giant	.10	.15	.20	.30	1.00
Early Scarlet Globe (Lohrman's Premium Strain).					
10-lb. cloth sacks with our seal attached	.75	per lb.	in 10-lb. lots	or over	
Early Scarlet Globe (regular stock)	.10	.15	.20	.30	.90
5 lbs., \$3.50; 10 lbs. or over					at 60c per lb.
Early Scarlet Turnip White Tipped	.10	.15	.20	.30	1.00
Iceberg	.10	.15	.20	.30	1.00
White Strasbourg	.10	.15	.20	.30	1.00
Winter Varieties:					
California Mammoth White China	.10	.15	.20	.35	1.25
Round Black Spanish	.10	.15	.20	.35	1.25
RHUBARB:					
Victoria	.10	.15	.20	.35	1.25
SALSIFY:					
Mammoth Sandwich Island	.10	.20	.35	.65	2.25
SORREL:					
Large-Leaved French	1.0	.20	.35	.65	2.25
SPINACH:					
Bloomsdale or Savoy-Leaved	Pkt.	Oz.	Lb.	5lbs.	10lbs.
Selected	\$0.10	\$0.15	\$0.40	\$1.75	\$3.00
New Long-Standing	.10	.15	.50	2.25	4.00
Juliana	.10	.15	.50	2.25	4.00
King of Denmark	.10	.15	.45	2.00	3.50
New Zealand	.10	.20	.35	.80	
Victoria	.10	.15	.40	1.75	3.00
				6.25	

Lohrman's Selected Squash

Early varieties, one ounce sufficient for 50 hills. Late varieties, one ounce for 20 hills; 4 to 6 pounds to the acre.

Before planting Squash in the open, the weather must be settled, the soil light and highly fertilized. Summer sorts should be planted from 4 to 6 feet apart each way in hills, pressing the seed down one inch deep. Late varieties require planting 3 feet apart, covering the seed 1½ inches deep. Nicotine Dust will keep off the destructive bugs.

Summer Varieties

ENGLISH VEGETABLE MARROW.

(Bush Variety). Produces a succession of Squashes throughout the Summer, ranging in size from 10 to 15 inches long by 4 to 6 inches thick. Skin greenish yellow to a creamy white; flesh white and of a very rich flavor.

DES MOINES. This is a small acorn-shaped dark green Squash, almost black, about 5 or 6 inches long and 4 inches in diameter. The running vines are vigorous and the ground is literally dotted with the dark colored Squashes, of fine quality. It makes excellent pies, can be cooked whole when young and keeps well.

ITALIAN VEGETABLE MARROW

(Cocozelle). A Summer Squash of compact bush form, oblong, 12 inches or more in length and 4 to 5 inches in diameter. Skin dark green with stripes of a still darker shade, and marbled with yellow. Should be eaten when half grown. Cooked like other Squash or fried like eggplant.

MAMMOTH SUMMER CROOKNECK. A well known and standard variety. Grows from 18 inches to 2 feet in length. The shell is hard and warted and of an attractive bright yellow color. The thick flesh is of good quality.

MAMMOTH WHITE BUSH. An early, round, flat Squash; color clear white; handsomely scalloped. Planted largely in every section of the country.

ZUCCHINI. On the order of Cocozelle, growing 2½ to 3 feet in length by 3 inches in diameter; shell pale green in color.

Winter Varieties

BLUE HUBBARD. A very large Squash of the Hubbard shape, but the color is blue-gray. The shell is very hard and the Squash keep a long time.

LOHRMAN'S HUBBARD. This is a superior variety, and the best Winter Squash known. Flesh bright orange-yellow, fine grained, very dry, sweet and rich flavored; keeps very good throughout the Winter; boils or bakes exceedingly dry, and is esteemed by many to be as good baked as the sweet potato. We have taken the utmost pains with this sort and can recommend our stock as in all probability the best in the country, and think our customers can plant it with perfect confidence that every fruit will be a pure Hubbard.



Lohrman's Hubbard Squash.

Lohrman's Tomatoes

One ounce will produce from 1000 to 2000 plants.

Our Tomato Seed is disinfected with SEMESAN to prevent seed-borne diseases. (See page 4).

Good plants can be grown where a frame is not available from early February on in the house in pots or boxes. Where a hotbed is handy, sow the seed, giving good bottom heat, in February to March, and when the plants are three inches high, transplant into other frames about 4 to 5 inches apart each way, or plant into boxes which can be placed in the frames.

BONNY BEST. Smooth, solid and uniform, and produced in clusters in center of the plant; ripens uniformly and is very productive; color bright red.

DWARF CHAMPION. Very compact and dwarf, growing strong and tree-like, so that the fruit is held up clear from the ground and does not require any stakes. Fruit purplish pink, round, smooth, and one of the best for quality and flavor. Is medium early.

EARLIANA. Extra early and of excellent quality. Vines small, but vigorous and productive. Fruit deep scarlet, medium to large, nearly round and exceptionally smooth.

JOHN BAER. A new variety that is claimed to equal Bonny Best. It sold well last year and our own crops proved excellent.

MARGLOBE. For midseason. New and distinct. A hybrid from Marvel and Livingston's Globe. Entirely immune from rust and wilt. A pure scarlet, globe-shaped, with the size and fine qualities of Livingston's Globe but earlier and a heavier cropper. Valuable for canning and marketing.

PONDEROSA. An exceptionally large, purple-fruited tomato, and for home use one of the best; fruit very solid, with few seeds.

RED HEAD. An exceptionally fine, large, bright red variety; fruits nearly globe-shaped, very solid; vine of medium growth; an excellent canning variety.

DWARF STONE. The best of the dwarf Tomatoes; fruits large, smooth, round, very solid and of a deep scarlet color; medium early.

TRUCKER'S FAVORITE. A late variety, producing large, smooth, solid fruit of a purplish red color. It is quite prolific and resists blight to a remarkable degree.

Rutabaga or Swede

AMERICAN PURPLE TOP or YELLOW or IMPROVED LONG ISLAND. A very popular and standard sort; has a short neck and a very small top; bulbs grow to very large size; flesh yellow, fine grained, best quality.

Pot, Sweet and Medicinal Herbs

(Refer to price list below).

Turnips

One ounce will sow 200 feet of row; one pound will sow an acre in drills, 2 pounds broadcast.

As soon as the ground can be worked, Turnips can be sown outdoors in drills 12 inches apart, thinning out later to 5 inches apart in the row. For succession sow at intervals of two weeks till well into August, from which time until the middle of September sowing should be made for later crops.

EXTRA EARLY WHITE MILAN. Fine for earliest crops. The clean, white roots are smooth, flat and symmetrical. Flesh white, tender, very sweet flavor.

LONG WHITE COW HORN. Used largely for stock feeding and breaking up clay soil; the long, round, white, carrot-shaped roots are usually slightly crooked.

PURPLE TOP WHITE GLOBE. One of the best of the Winter Turnips. The roots are attractive in color; globe-shaped, extra large and solid.

SEVEN TOP. Grown exclusively for the tops, which are used for greens.

WHITE EGG. Tops small, with distinctly cut leaves. Flesh pure white, very sweet, firm and mild.

SQUASH—Summer Varieties:

	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
English Vegetable Marrow..	\$0.10	\$0.20	\$0.30	\$0.50	\$1.75
Des Moines .....	.10	.15	.25	.40	1.50
Italian Vegetable Marrow..	.10	.20	.30	.50	1.75
Mammoth Summer Crookneck..	.10	.15	.20	.35	1.25
Mammoth White Bush Scallop..	.10	.15	.20	.35	1.25
Zucchini .....	.10	.35	.60	1.00	3.25

Winter Varieties:

Blue Hubbard .....	.10	.35	.60	1.00	3.00
Lohrman's Hubbard .....	.10	.15	.20	.35	1.25

HERBS:

Basil, Sweet .....	.10	.20	.35	.65	
Borage .....	.10	.20	.35	.65	2.25
Caraway .....	.10	.15	.20	.30	1.00
Dill .....	.10	.15	.20	.25	.80
Fennel, Florence .....	.10	.15	.20	.35	1.25
Lavender .....	.10	.25	.45	.80	2.75
Marjoram, Sweet .....	.10	.20	.30	.50	1.75
Sage .....	.10	.25	.35	.80	2.75
Savory, Summer .....	.10	.20	.30	.50	1.75
Thyme .....	.10	.35	.60	1.00	3.50
Wormwood .....	.10	.45			

Lohrman's Flower Seed Novelties



Antirrhinum, Old Gold.

LOHRMAN'S SUPER-GIANT SNAPDRAGON (Antirrhinum Majus Maximum).

This wonderful group of the newest creation in Giant Snapdragons far surpasses anything yet introduced. They grow 4 to 5 ft. high; in habit much taller than the Half-Dwarf group and with still larger flowers, closely placed on the stems. These come in a range of colors that are quite distinct. In vigor of growth, size, color and profusion of blossoms these Super-Giants are a wonderful improvement over the tall, large flowering strains previously grown.

Appleblossom. Soft apple blossom-pink with yellow lip and pure white throat.
Cerberus. Rosy carmine with yellow lip.
Copper King. Velvety copper scarlet.
Indian Summer. Velvety copper.
Old Gold. Deep golden yellow, a very lovely shade.
Purple King. A deep glowing purple, very pleasing.

The Rose. Clear deep rose-pink, very large individual, long flowers set closely on long spikes.

Wallflower. Very large, bronzy orange flowers shading to coppery red at the edges and to clear deep yellow in the throat.

Superfine Mixed. Pkt., 25c; $\frac{1}{4}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25; oz., \$3.50.

NEW CALIFORNIA GIANT BRANCHING ASTERS

It is a splendid midseason to late flowering strain. The result of years of painstaking selection by one of California's leading hybridizers. The plants grow from 3 to 3 $\frac{1}{2}$ ft. high with long strong stems 15 to 24 inches in length, bearing beautifully formed, curled and interlaced flowers 5 inches and over across. White, Peach Blossom, Light Blue, Deep Rose, Dark Purple. Mixed. Pkt., 25c; $\frac{1}{4}$ oz., \$1.25; oz., \$3.50.



California Giant Aster.

CALENDULA CAMPFIRE. Long stems, very double, brilliant, orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape. Pkt., 25c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.00.

BALL'S NEW GOLDEN (Florists' Strain). A new variety developed especially for florists' use. The very pleasing shade is intermediate between lemon and orange and the flowers are large and double with long stems. Mixed Double. Pkt., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

CARNATION CHABAUD'S GIANT DOUBLE. This race of Carnations raised by the famous French specialist, Chabaud, is by far the finest strain we have ever seen. Blooms in five months from time of sowing and produces flowers that compare favorably with the finest greenhouse-grown product. Yellow, White, Pink and Dark Red. Pkt., 10c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.00.

COSMOS EXTRA EARLY DOUBLE CRESTED. This type of Cosmos has real double flowers about 1 $\frac{1}{2}$ inches in diameter, resembling an anemone-flowered chrysanthemum. The plants grow to a height of about 4 feet, forming a perfect bush, massed with bloom. They come about 65 per cent double from seed and bloom in 70 days from the day seed is sown, so that seed sown the latter part of April will be in bloom by July 4, and continue until frost. White, Pink, Crimson, Mixed. Pkt., 25c; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75; oz., \$5.00.

DAHLIA COLTNESS HYBRIDS. A splendid new class, habit neat and compact. Blooms from July until frost. The flowers have either flat or slightly fluted petals, vary in size, being nearly all three inches in diameter. Flowers produced freely the first year from seed. The colors are most varied embracing shades of red, yellow, white and purple with many bizarre combinations. Pkt., 1fc; $\frac{1}{4}$ oz., 50c; oz., \$2.50.

DIANTHUS ALLWOODI. A new race of hardy plants belonging to the Dianthus family. It makes an ideal pot plant. The flowers are about 75 per cent double and appear in all colors except yellow. The single flowers are quite as handsome as the double and have the advantage of making larger clusters. It is exceptionally hardy, commencing to flower in early Spring and continuing through Summer and Fall. Mixed colors. Blooms first year from seed. Pkt., 25c.

GERBERA JAMESONI HYBRIDS. They are half hardy perennials. The daisy-like blossoms, 2 to 4 inches across, being borne on long stems, are unsurpassed as cut flowers. They are easily grown from seed and will commence flowering the first year. The colors include a wilderness of tints, from pure White through Yellow, Orange, Salmon, Rose, Cerise and Ruby-Red to Violet. Pkt. (15 seeds), 25c.



Double Crested Cosmos.



Carnation Flowered Petunias.

Lohrman's Flower Seed Novelties

Continued

LARKSPUR LA FRANCE. La France is much more vigorous and taller-growing than other light shades of Stock-flowered varieties on the market today and the flowers are of a pleasing salmon-pink, well formed, double, and well placed on long stems. (See illustration). Pkt., 25c; ¼ oz., \$3.00.

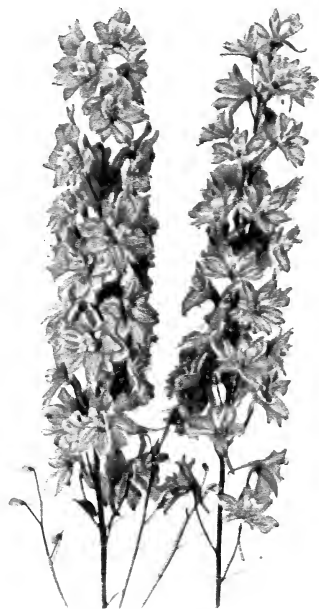
EXQUISITE STOCK FLOWERED IMPROVED. The habit of plant is upright and not spreading as in the original form. The flowers are a delightful shade of salmon-pink. A wonderful cut-flower. Pkt., 25c; oz., \$2.00.

MARIGOLD JOSEPHINE. Tall French. Single dark brown with an edging of old gold, and a glint of crimson, with petals of rich velvety texture, borne on long stems. Pkt., 25c.

PANSY SWISS GIANTS. A Giant Flowering strain consisting largely of brilliant colors of sulphur and golden yellow, carmine, orange, scarlet and blue shades, most of the flowers showing a combination of these shades. The flowers are gigantic size, perfectly round and they bloom early in the Spring, continuing in flower all Summer until late in Fall. Pkt., 50c; 1/16 oz., \$2.25; ¼ oz., \$4.00; ½ oz., \$7.50.

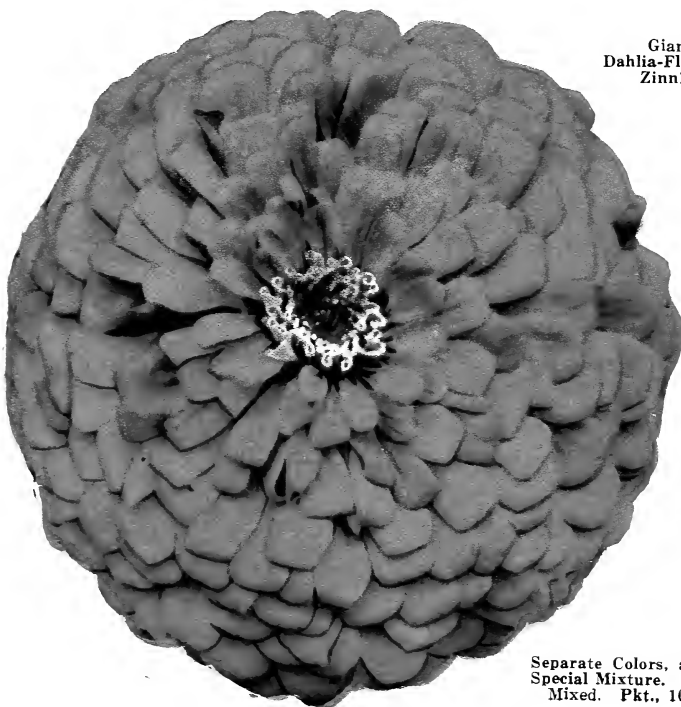
PETUNIA Carnation Flowered. Medium-sized flowers resembling carnations. Some are very double and look like a full double carnation. We offer this in two colors, a deep shade of rose and a light shade of rose or flesh, excellent for pot culture. Pkt., 50c.

ROYAL PURPLE. Rich velvety purple, large single flowers. Pkt., 50c.



Larkspur, La France.

Giant
Dahlia-Flowered
Zinn'a.



GIANT DAHLIA-FLOWERED ZINNIAS This new giant-flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative dahlia. The flowers, although not so brilliant in color as those of the older types, are many of them in exquisite shades of rose, lavender and old gold. The plants are strong and vigorous growing, and produce an abundance of blooms throughout the Summer and early Fall.

Buttercup. An immense, deep creamy yellow. A very desirable flower, which should be included in every collection.

Crimson Monarch. Rich crimson. By far the largest and best of red shades.

Dream. A fine, deep lavender, turning to purple (mallow-purple) a new, desirable shade in Zinnias.

Exquisite. By far the most pleasing of our collection. Truly dahlia-flowered as regards form and size. Color light rose with center a deep rose. (Tyrian rose).

Meteor. A rich, glowing deep red (Spinel red) and the darkest of all the red shades. Fine form.

Oriole. We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named.

Polar Bear. A very large pure white, the best white yet seen in Zinnias. True dahlia form.

Purple Prince. A fine deep purple of fine form.

Separate Colors, all, pkt., 10c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.
Special Mixture. A well blended mixture containing the above novelties.
Mixed. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

Lohrman's Annual Flower Seeds

Lohrman's "Surprise" Garden Mixture

This collection is composed of 15 of the best long-stemmed Annuals for growing in the home garden. Many occasions arise when it is desirable to be able to go into the garden and gather huge armfuls of choice cut flowers. It is then indeed gratifying to have a large selection as offered here to choose from. All produced on long stems, that lend themselves to every conceivable style of artistic arrangement in harmonious or contrasting color combinations.

No other flowers can express the same tender sentiments as a bouquet cut fresh from your own garden. A simple vase or bowl of flowers will bring cheer and happiness into a room even on the dullest day. The Helichrysums included in this collection may be dried, and will remain bright and attractive for an entire year. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$3.75.

ACROCLINIUM A pretty Everlasting bearing graceful, daisy-like flowers, pretty, bright rose with yellow center, which, when cut in the bud state can be dried and used for Winter bouquets. 3 feet.
DOUBLE MIXED. Pkt., 10c; ¼ oz., 20c; oz., 60c.

ADONIS AESTIVALIS. Deep green foliage and dark crimson flowers; annual. June. 1 ft. Pkt., 10c; ¼ oz., 15c; oz., 40c.

AGERATUM There is no finer flower available for bedding work or borders. The little bushy plants only 4 or 5 inches high are covered with dainty floss-like flowers that keep their bright colors through rain and drought. Raised easily from seed sown outdoors in May or can be started indoors earlier and transplanted in May. 4 or 5 inches.

DWARF WHITE. Extra fine. Pkt., 10c; ¼ oz., 25c; oz., 75c.

DWARF BLUE. Extra quality. Pkt., 10c; ¼ oz., 25c; oz., 75c.

ALYSSUM SWEET. Pretty plants for beds, vases, baskets, edging or rockwork; will bloom all Summer. Can be grown very readily either outdoors or indoors. White. Pkt., 10c; ¼ oz., 15c; oz., 40c.

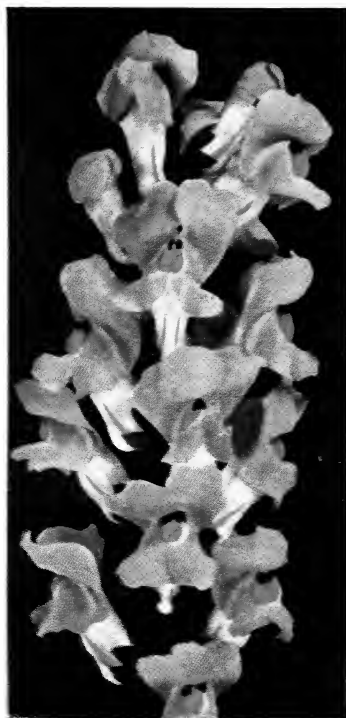
LITTLE GEM. Very dwarf and compact, and very free flowering; fine for bedding. White. Pkt., 10c; ¼ oz., 20c; oz., 60c.

LILAC QUEEN. A very pretty deep lavender-lilac, of dwarf compact habit; 6 inches. Pkt., 10c; ¼ oz., 20c; oz., 60c.

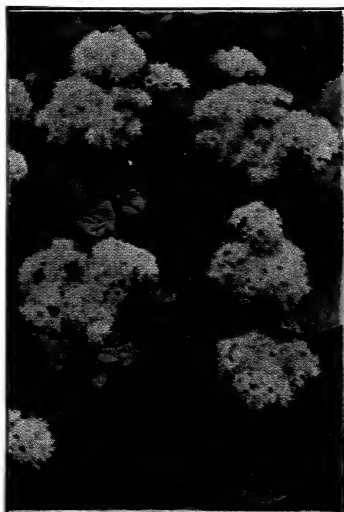
AMARANTHUS CAUDATUS (Love-Lies-Bleeding). Long drooping crimson racemes; height, 3 feet. Fine for borders of tall plants, or in center of large beds. Pkt., 10c; oz., 25c.

TRICOLOR (Joseph's Coat). Leaves red, yellow and green. Pkt., 10c; ¼ oz., 25c; oz., 75c.

ARCTOTIS GRANDIS (African Daisy). Bushy annual plants, producing the entire season, on long stems, large daisy-like flowers, pure white on the upper surface, the reverse side of petals lilac-blue. 2 ft. Pkt., 10c; ¼ oz., 25c; oz., 75c.



Antirrhinum, Apple Blossom.



Dwarf Blue Ageratum.

ARGEMONE GRANDIFLORA (The Prickly Poppy). 2 feet. Lovely plants with an ornamental foliage and large, handsome poppy-like flowers, snowy white, filled in the center with golden stamens, very beautiful. Pkt., 10c; ¼ oz., 25c; oz., 75c.

AMMOBIUM ALATUM GRANDIFLORUM. 2½ ft. This pretty white Everlasting should be in every garden. Grows well in sandy soil. Pkt., 10c; ¼ oz., 25c; oz., 60c.

ANTIRRHINUM (Snapdragon). Snapdragons have become very popular within the past few years. They make a fine display in the garden and they are very useful for table decorations when cut.

MEDIUM LARGE FLOWERED TYPE. Scarlet, Yellow, Pure White, Rose and Mixed. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

LOHRMAN'S SUPER-GIANT SNAPDRAGONS (Antirrhinum Majus Maximum). These Snapdragons far surpass anything yet introduced. They grow 4 to 5 feet high, much taller than the Half-Dwarf group and with still larger flowers. In vigor of growth, size, color and profusion of blossoms these Super-Giants are a wonderful improvement.

Appleblossom. Soft appleblossom-pink with yellow lip and pure white throat. Strong stems bearing magnificent flowers.

Cerberus. Rosy carmine with yellow lip.

Old Gold. Deep golden yellow, a very lovely shade.

Purple King. A deep glowing purple, very pleasing.

The Rose. Clear deep rose pink, very large individual, long flowers set closely on long spikes.

Wallflower. Very large, bronzy orange flowers shading to coppery-red at the edges and to clear deep yellow in the throat.

Copper King. Velvety copper scarlet.

Indian Summer. Velvety copper.

Superfine Mixed. Pkt., 25c; ¼ oz., 75c; ¼ lb., \$1.25; oz., \$3.50.



Heart of France Aster.

ASPARAGUS Asparagus possesses the advantage of being more graceful and its foliage finer than that of the most delicate Fern. As a house plant it will thrive under practically all conditions. The Asparagus likes a good, rich soil and fairly warm temperature.

PLUMOSUS NANUS. Very useful for bouquets; also makes a good house plant. Pkt., 10c; 75c per 100 seeds.

SPRENGERI. Elegant variety for hanging baskets. Pkt., 10c; 50c per 100 seeds.

ASTERS GIANT OSTRICH FEATHER. Midseason. 16 inches. The finest type of the Giant Comet or Ostrich Feather type of Aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut flowers par excellence. White, Soft Pink, Lavender, Crimson, Purple, Rose, and Mixed. Pkt., 10c; ¼ oz., 60c; oz., \$1.75.

ROYAL ASTERS. Early. 16 inches. Of all the large, fine Asters none can beat this truly magnificent class. The plants are strong growers, and keep a long time. White, Crimson, Rose, Lavender, Purple, and Mixed. Pkt., 10c; ¼ oz., 60c; oz., \$1.75.

NEW CALIFORNIA GIANT BRANCHING ASTERS. Midseason. A splendid new midseason to late flowering strain, the result of years of painstaking selection by one of California's leading hybridizers. Plants grow 3 to 3½ feet high with long, strong stems 18 to 24 inches in length bearing beautifully formed, curled and interlaced flowers 5 inches and over across. We offer the following colors: White, Peach Blossom, Light Blue, Deep Rose, Dark Purple, and Mixed. Pkt., 25c; ¼ oz., \$1.25; oz., \$3.50.

SEMPLE'S BRANCHING. Late. This special strain is American grown and is especially adapted to our climate. Long stems, very large flowers, very useful for bedding and one from which results can be obtained. White, Flesh, Pink, Deep Rose, Crimson, Lavender, Purple, and Mixed. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

HEART OF FRANCE ASTER. The flowers are large and full to the center; opens ruby red, deepening with age. Plants are of branching type; flower stems long. Per pkt., 10c; ¼ oz., 85c; oz., \$2.50.

BALLOON VINE (Love-in-a-Puff). A rapid growing climber; annual. Pkt., 10c; oz., 25c.

BEGONIA SEMPERFLORENS, MIXED. A boon for shady places. One of the few gorgeously tinted flowers which will thrive and make glorious the dark and shady corners. Pkt., 25c; ¼ oz., \$1.50; oz., \$3.75.

BALSAM (Lady Slipper). One of the oldest known and favorite garden flowers. Anybody can grow it. It is of such easy culture. Succeeds best in rich soil. Double Camellia-flowered. 1½ feet. Pkt., 10c; ¼ oz., 50c; oz., \$1.25.



Calendula, Orange King.

BRACHYCOME (Swan River Daisy). A free-flowering, dwarf-growing annual; covered during the greater part of the Summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture. 12 inches. Mixed. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

CACALIA Each flower is a miniature paint brush of orange-scarlet produced on long wiry stems which make it an excellent cut flower. An old but little known annual for the border; worth trying. 2 ft.

TASSEL FLOWER or FLORA'S PAINT BRUSH. Scarlet and orange mixed. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

CALCEOLARIA Covent Garden strain. Extra choice, strongly recommended for habit, also size and marking of flowers. Pkt., 25c.

CALENDULA (Pot Marigold). One of the best and showiest free flowering hardy annuals, growing in any good garden soil. Of late it has been very much improved, and the varieties we offer are the best that can be obtained. 1 ft.

BALL'S NEW GOLDEN (Florists' Strain). A new variety developed especially for florists' use. The very pleasing shade is intermediate between lemon and orange and the flowers are large and double with long stems. Mixed Double. Pkt., 25c; ¼ oz., 50c; oz., \$1.50.

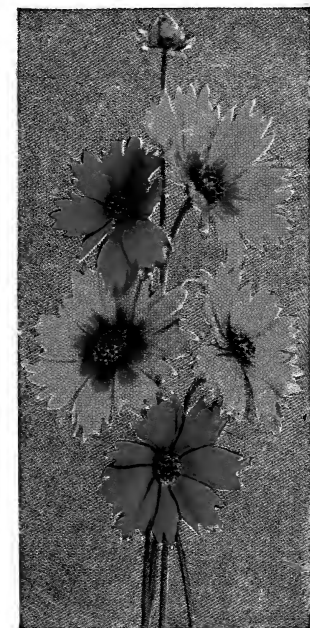
CAMPFIRE. This is a distinct new type originating from Orange King. It is of vigorous growth, the flowers borne on stout stems. The blooms are flat, and are undoubtedly larger than those of any type previously introduced. The color of the petals is brilliant orange with a scarlet sheen, with full yellow center. Pkt., 25c; ¼ oz., \$1.50; oz., \$4.00.

PRINCE OF ORANGE. Large, double, orange, much like Meteor, only darker. Pkt., 10c; oz., 35c.

METEOR. Large, double yellow with orange stripes, striking for cut bloom. Pkt., 10c; oz., 35c.

ORANGE KING. Very large flowers, dark orange-red. Pkt., 10c; oz., 35c.

ORANGE KING. Extra select florist strain. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.



Calliopsis.

LEMON QUEEN. Very large and double; lemon-yellow. Pkt., 10c; oz., 35c.

MIXED, ALL COLORS. For woodlands, wild gardens and perennial borders. Pkt., 10c; oz., 35c.

BALL'S STRAIN. Bright, glowing orange; large and double. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

CALLIOPSIS CRIMSON KING. Splendid; dwarf; rich velvety crimson-garnet. Nice for house plants. 10 inches. Pkt., 10c; oz., 50c.

GOLDEN WAVE. Rich golden yellow; chestnut-brown center. Height, 1 foot. Pkt., 10c; oz., 50c.

TINCTORIA MIXED. A very hardy and easily grown annual, producing an abundance of brilliantly colored single ray flowers with dark center. The flowers, which are about one and one-half inches across, vary from clear yellow to deep rich brown, the two colors often being beautifully contrasted in the same blossom. Height of plants, 2 to 3 ft. Pkt., 10c; oz., 30c.



Chabaud's Giant Double Carnations.



Cosmos.

SILENE ARMERIA MIXED. A very showy early-flowering hardy annual, bearing in quantity, heads of beautiful white, pink and red flowers. Pkt., 10c; oz., 50c.

CHRYSANTHEMUMS Summer blooming; beautifully colored daisy-like flowers; fine for cutting. Wonderful improvements have been made in this old garden favorite.

CORONARIUM. Double mixed, pkt., 10c; oz., 35c. Single mixed, pkt., 10c; oz., 40c.

CINERARIA HYBRIDA. Choice mixed. Large flowering. Pkt., 25c; ¼ oz., \$5.75.

CLARKIA A very easily grown annual, which has been much improved in recent years. The varieties which are listed below are the best that can be obtained. They do well in either sun or shade. Double flowers in white, scarlet, salmon, and mixed. Pkt., 10c; ¼ oz., 35c; oz., \$1.00. Single, pkt., 10c; oz., 50c.

ANNUAL CLIMBERS

BALLOON VINE. Pkt., 10c.

CANARY BIRD VINE. Pkt., 10c.

CARDINAL CLIMBER. Pkt., 10c.

COBAEA SCANDENS. Pkt., 10c.

CONVOLVULUS MAJOR. Mixed. Pkt., 10c.

CYPRESS VINE. Mixed. Pkt., 10c.

CLEOME PUNGENS (Spider Plant). 5 ft. A showy garden annual producing curious heads of flowers of bright rose color; of easy cultivation, blooming until late; a good bee plant. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

COCKSCOMB (Celosia). A free blooming, half-hardy annual. The flowers of some are shaped like a cock's comb; others have plumed heads of brilliant orange and scarlet. All can be cut for dried winter bouquets. The dwarf sorts are fine for borders, the others make good bedding plants.

CRISTATA. Combs of mixed shades of red. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

CRISTATA, GLASGOW PRIZE. Dark crimson. Comb shape. Pkt., 10c; ¼ oz., 90c; oz., \$2.50.



Bachelor Buttons.

CANARY BIRD VINE A splendid rapid annual climber, the small canary colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt., 10c; oz., 35c.

CANNA (Indian Shot). Although these are generally planted from roots, they may be grown with comparative ease from seed. Scrape or file the edge of seed and soak in warm water until they show signs of swelling, then sow in sandy loam and place in a hotbed.

CROZY'S DWARF MIXED. From the finest sorts. Pkt., 10c; oz., 75c.

CANDYTUFT (Iberis Umbellata). Candytuft is one of the most prized garden annuals. Easily grown from seed and does not need transplanting. Fine for cut flowers. Flesh Pink, Crimson, Lavender, Purple, and White. Mixed colors, pkt., 10c; oz., 30c; ¼ lb., \$1.00.

GIANT HYACINTH-FLOWERED. Immense spikes of pure white flowers. Pkt., 10c; oz., 90c; ¼ lb., \$3.00.

CARNATIONS Carnations are a great favorite with most people who take pride in their old-fashioned gardens. They have the most beautiful colors and are easily raised from seed the first year.

CHABAUD'S GIANT DOUBLE. Yellow, White, Pink, Dark Red, and Maroon. Pkt., 10c; ¼ oz., \$1.50; oz., \$4.00. Mixed, pkt., 10c; ¼ oz., 90c; oz., \$2.75.

MARGUERITE FINEST MIXED. The plants of this wonderfully fine strain may be made to bloom in four months. Flowers large, double, deeply fringed, very fragrant and appear in very attractive shades of color. Especially desirable for bedding as an annual and for cutting. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

CENTAUREA GYMNOCARPA. Leaves fernlike and a trifle taller than Candi-

CANDIDISSIMA. Thick white leaves grown for foliage and used for edging. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.00.

CENTAUREA CYANUS (Cornflower or Bachelor's Button). Also known as Blue Bottle, Ragged Sailor, Bluet, etc.; an old favorite garden annual; excellent for cutting. 2 ft.

DOUBLE BLUE. Splendid for cutting. Select florist strain. Pkt., 10c; oz., 50c.

DOUBLE ROSE. Splendid for cutting. Pkt., 10c; oz., 50c.

DEEP RED. Splendid for cutting. Pkt., 10c; oz., 50c.

DOUBLE MIXED. Splendid for cutting. Pkt., 10c; oz., 30c.

SINGLE BLUE. Splendid for cutting. Pkt., 10c; oz., 40c.

SINGLE CHOICE MIXED. Splendid for cutting. Pkt., 10c; oz., 30c.

CENTAUREA IMPERIALIS (Giant Cornflower or Sweet Sultan). The finest of all Sweet Sultans for cut flower purposes; gigantic, beautiful, sweet-scented flowers borne on long stems. 2 to 3 ft. White, Lavender, Rose, Purple, and Mixed. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.



Annual Chrysanthemums.

PLUMOSA, TALL MIXED (Feathered Cockscumb). Bright red and yellow plumes. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

CHILDSI (Chinese Woolflower). Plants grow 2½ feet high and produce a large number of ball-shaped scarlet flowers, resembling silky wool. Pkt., 10c; ¼ oz., 90c; oz., \$2.50.

COBAEA A rapid growing climber with beautiful dark green foliage, bearing on graceful stems, large, bell-shaped flowers, green at first but rapidly changing to a beautiful deep violet-blue. Sow seed edgewise.

SCANDENS. Violet-blue. Large, bell-shaped. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

SCANDENS ALBA. Pure white. Pkt., 10c; ¼ oz., 60c; oz., \$1.75.

COLEUS Ornamental foliage plants of the most varied colorings, resembling the rainbow in gorgeousness.

MIXED HYBRIDS. Pkt., 25c; ¼ oz., \$2.00; ¼ oz., \$3.50; oz., \$10.00.

CONVOLVULUS MAJOR (Morning Glory). A beautiful annual climber; one of the most rapidly growing climbers in cultivation; thriving in almost any situation. Mixed. All colors. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

COSMOS Grace and brilliancy are the characteristics of these beautiful flowers. They resemble single Dahlias with their broad petals surrounding a golden heart, borne on long stems.

EARLY FLOWERING MAMMOTH COSMOS. Immense blooms. White, pink, crimson, and mixed. Pkt., 10c; oz., 75c.

EXTRA EARLY DOUBLE CRESTED. We have greatly improved this favorite strain of extra early double Cosmos. They come into bloom as early as the extra early single and the flowers are unusually large. Mixed, white, pink, crimson. Pkt., 25c; ¼ oz., \$1.00; ¼ oz., \$1.75; oz., \$5.00.

CYCLAMEN We are specialists in Cyclamen for florists, and can supply at all times any of the named sorts, including the Rococo types. Mixed. Prices on application. Pkt. (10 seeds), 45c.

CYPRESS VINE Everyone is acquainted with this old-time favorite climbing vine. The beautiful fernlike leaves and star-shaped flowers make it a very desirable Fern for all purposes. Mixed. Pkt., 10c; oz., 40c.

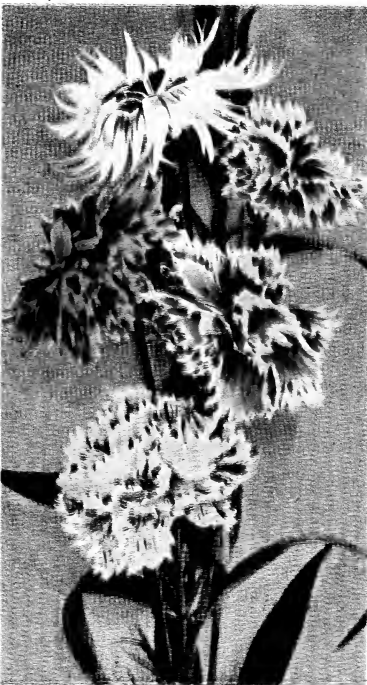
CYNOGLOSSUM AMABILE (Chinese Forget-Me-Not). A lovely plant 18 to 24 inches tall with flowers of a true forget-me-not blue. May be grown either outside or under glass. Make wonderful cut flowers. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

DAHLIAS One of the best Summer and Autumn flowering plants, and now enjoying a wide popularity. They will bloom the first year if sown early. Double mixed. Pkt., 10c; ¼ oz., 80c; oz., \$2.40.

DAHLIA "COLTNESS HYBRIDS" IMPROVED. In our offering of these new "Hybrids" our customers will find a great advance on the type already offered, this type being dwarf and more compact in habit and the colors more select, ranging from deep crimson to white and include the delicate pinks, roses and yellows, mauves and the various shades of scarlets and purples. Pkt., 25c.

DATURA (Angel's Trumpet). Handsome plants for subtropical bedding in Summer, having large trumpet-shaped fragrant flowers. They should be given a light soil and a sunny, sheltered position. Makes fine pot plants for the greenhouse. 3 feet.

WRIGHTII. Pure white at the center shaded into lilac and blue; magnificent large single flowers. In warm latitudes can be continued as a perennial. Pkt., 10c; oz., 50c.



Dianthus Allwoodi.

GERANIUM These grow readily from seed the first year and produce blooming plants the first Summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of thus securing something new. 1 to 2 ft.

ZONALE VARIETIES. Saved from a choice collection. Pkt., 25c; 1/16 oz., \$2.40.

GERBERA JAMESONI HYBRIDS (Transvaal Daisy).

They are half-hardy perennials, usually grown as greenhouse or window plants. The daisy-like blossoms, 2 to 4 inches across, being borne on long stems, are unsurpassed as cut flowers, as they are of wonderful lasting quality. They are easily grown from seed and will commence flowering the first year, although old plants will produce the greater abundance of bloom. The colors include pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet. Pkt. (15 seeds), 25c.



Cynoglossum.

DIANTHUS Or Pinks. The Dianthus are better known as Chinese Pinks and are always used in old-fashioned gardens. Blooms the first year, also the second year if protected through the Winter.

ALLWOODI. New perpetual-flowering Hardy Pinks. Our supply of seed of this beautiful strain of Hardy Pinks, comes to us direct from the introducer, a noted English specialist. It is expected that the seed will produce an average of 75 per cent double deliciously clove-scented flowers in many colors. They are perfectly hardy, and flower continuously from Spring until late in the Autumn. Pkt., 25c.

ANNUAL

SINGLE JAPAN PINKS. Finest selected single-flowered. Pkt., 10c; oz., 50c.

DOUBLE CHINESE or INDIA PINKS. Flowers very double and of many bright colors. Pkt., 10c; oz., 75c.

DIDISCUS (Blue Lace Flower). An interesting annual, which blooms from July to November. The pale lavender blossoms are excellent for cutting. 18 inches high. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

DIMORPHOTHECA AURANTIACA (African Golden Daisy). A fine showy Daisy from South Africa. Color rich, glossy orange-gold, with dark center. Sow seed in Spring and transplant to sunny position. They will bloom the greater part of the Summer. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

DOLICHOS (Hyacinth Bean). A rapid growing annual climber. Blooms freely in clusters, which are followed by ornamental seed pods. All colors mixed. Pkt., 10c; oz., 25c.

DRACAENA INDIVISA. Beautiful long green leaves, useful for baskets, porch boxes or tubs. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

ESCHSCHOLTZIA (California Poppy). Very brilliant flowers, produced in great numbers. They may be sown in Spring, although Fall sowing will give better results. Mixed. Pkt., 10c; oz., 75c.

EUPATORIUM A splendid native plant, growing two feet high. Immense heads of purplish pink flowers; fine for naturalizing along streams and ponds, and for planting among shrubbery.

COELESTINUM. Lavender flowers. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

EUPHORBIA (Snow-on-the-Mountain). Showy border plant, easily grown. Beautiful foliage. Edged and veined with white. Annual. **VARIEGATED.** Pkt., 10c; ¼ oz., 40c; oz., \$1.25.

GAILLARDIA (Blanket Flower). Showy border plants producing flowers from July to September. A continual supply of richly colored flowers ranging from clear yellow to glowing scarlet-red. Extra fine for cutting.

PICTA. Annual. Mixed. Pkt., 10c; oz., 50c.



Eschscholtzia, California Poppies.



Helichrysum.

if grown from seed, these annual kinds, however, bloom the first year, and if sown in the open ground in May, they will be in flower in August, but if started indoors and set out in May, they will bloom in July. 5 feet.

ANNUAL SINGLE. Pkt., 10c; oz., 60c.

ANNUAL SEMI-DOUBLE. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

IPOMOEA GRANDIFLORA (Moonflower). A rapid growing annual climber. At night and during very dull days the plants are covered with beautiful white blossoms; very fragrant. White. Pkt., 10c; oz., 65c.

RUBRA COERULEA. Blue. Pkt., 10c; ¼ oz., 45c; oz., \$1.25.

QUAMACLIT HYBRID (The Cardinal Climber). Pkt., 10c; ¼ oz., \$1.00; oz., \$3.00.

IMPERIAL JAPANESE MORNING GLORIES. Pkt., 10c; oz., 25c; 2 ozs., 40c; ¼ lb., 75c.

JOB'S TEARS (Coix). The beads or tears pearly white to lead color. Pkt., 10c; oz., 15c; lb., \$2.00.

KOCHIA (Summer Cypress). An annual of easy culture, 3 ft. high, with beautiful foliage which will turn from green to a deep rich red in the Autumn. Pkt., 10c; oz., 40c.

KUDZU VINE (Jack-and-the-Bean-Stalk Vine). A very rapidly growing vine; foliage dense. Fine for covering arbors and porches. Pkt., 10c; oz., 50c.

LANTANA One of the most desirable half-hardy greenhouse or bedding plants, which bloom constantly. The flowers are borne in verberna-like heads of orange, white, rose, etc. Mixed colors. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

LARKSPUR (Annual Stock Flowered). These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. Sow seed in the open border either in early Spring or late Fall so germination may take place very early in the Spring.



Larkspur, Annual.

GILIA TRICOLOR (Bird's Eyes). 7 inches to 1 foot high. Flowers pale lilac, yellow toward the center, with five purple spots. Charming combination of colors. Pkt., 10c; oz., 50c.

GLOBE AMARANTH (*Gomphrena Globosa*). A first rate bedding plant. The flowers resemble clover heads and can be dried and used in Winter bouquets. Mixed. Pkt., 10c; oz., 50c.

GODETIA Hardy annual, about one foot high, of compact growth, bearing a profusion of beautiful cup-shaped flowers. Colors deep red, pink and white. Fine mixed. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

GOURDS Both Useful and Ornamental. Rapid growing, interesting annual climbing plants, with ornamental foliage and curious shaped fruit. Excellent for a screen around the back porch, as they are remarkably free from insects. Height 10 to 20 ft.

MIXED. All sorts. Pkt., 10c; oz., 40c.

GYPSOPHILA (Baby's Breath). A elegant border plant, the light graceful sprays of flowers being used for mixing with Sweet Peas and other cut flowers.

ELEGANS. Pure white. Annual. Pkt., 10c; oz., 25c; 2 ozs., 45c; 4 ozs., 75c.

CARMINEA. A beautiful pink variety. Pkt., 10c; oz., 50c; 2 ozs., 90c; 4 ozs., \$1.60.

HELICHRYSUM MONSTROSUM FL. PL. This is one of the best Strawflowers, and when dried it is very useful for table decoration in Winter. Very large, double flowers, and a fine assortment of colors. Mixed. Pkt., 10c; oz., 65c.

HELIOTROPE Very fragrant blue and white flowers; splendid for pots and gardens. Mixed. Pkt., 10c; ¼ oz., \$1.50; oz., \$4.50.

HOLLYHOCKS (ANNUAL) The perennial varieties flower only the second year



Gaillardia.

LA FRANCE. Salmon-Pink. Pkt., 25c; ¼ oz., \$3.00.

EXQUISITE. Soft rose-pink. Pkt., 25c; oz., \$2.00.

LAVATERA TRIMESTRIS GRANDIFLORA ROSEA (Annual Mallow). A very beautiful annual, growing about two feet high and bearing cup-shaped, pink flowers the entire season. Pkt., 10c; oz., 75c.

LINARIA (Kenilworth Ivy). Very pretty hardy evergreen creepers, well adapted for growing in pots or for covering walls or crevices. **CYMBALARIA**. Pkt., 10c; ¼ oz., \$1.50; oz., \$4.50.

LINUM (Flax). Erect growing plants with showy flowers which open in the sunshine. Blooms continuously and of easy culture in full sun. **GRANDIFLORUM RUBRUM** (Scarlet Flax). A fine hardy annual with brilliant scarlet-crimson flowers. Pkt., 10c; oz., 50c.

LOBELIA The dwarf, compact varieties are used for edging, while the trailing sorts are used for hanging baskets, porch boxes, etc.

CRYSTAL PALACE COMPACTA. Rich deep blue, dwarf-growing variety; the best for edging. Pkt., 10c; ¼ oz., \$1.25; ¼ oz., \$2.00; oz., \$6.00.

BLUE EMPEROR (*Delphinium Imperiale*). Finest double mixed, very elegant candelabra habit, with short branches. Pkt., 10c; ¼ oz., \$1.00; ¼ oz., \$1.75; oz., \$5.00.

GRACILIS. Trailing variety for hanging baskets. Light blue. Pkt., 10c; ¼ oz., 40c; oz., \$1.25.

CARDINALIS. Handsome border plant, crimson-scarlet flowers. Hardy perennials. Pkt., 10c; ¼ oz., \$3.50; ¼ oz., \$6.25.

LUPINES The Lupines may be classed among the most beautiful of hardy garden flowers. A Lupins border makes a picture once seen not soon forgotten, and maintains a floral display from May to September. **TALL ANNUAL**. All colors mixed. Pkt., 10c; oz., 30c.

MARVEL OF PERU (Four O'clock). One of the old favorite annuals; which are produced in clusters, open in the afternoon and wither in the morning. All colors mixed. Pkt., 10c; oz., 25c; 2 ozs., 40c; 4 ozs., 75c.

MARIGOLD In late Summer, when many bedding plants are past their prime, Marigolds afford a wealth of color that is simply invaluable. The African varieties produce large, self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some being elegantly striped and spotted. The Single French and the Dwarf Single French hold the chief place in this class.

FRENCH MARIGOLDS

Few annuals are as effective in beds and borders as the French Marigolds or bloom for as long a period; they form compact bushes, 12 inches high.

DARK BROWN. A pleasing shade of dark mahogany. Pkt., 10c; oz., 75c.

GOLD STRIPED. Very double, golden yellow flowers, each petal striped with rich mahogany-red. Pkt., 10c; oz., 75c.

JOSEPHINE (Tall French Single). Single dark brown flowers with edging of old gold. Pkt., 25c.

LEGION OF HONOR (Dwarf French Single). A charming single-flowering Marigold forming dense, compact bushes about 9 inches high. They begin to bloom in June and continue until frost. The flowers are golden yellow, marked with a blotch of velvety crimson at the base of each petal. Pkt., 10c; oz., 75c.

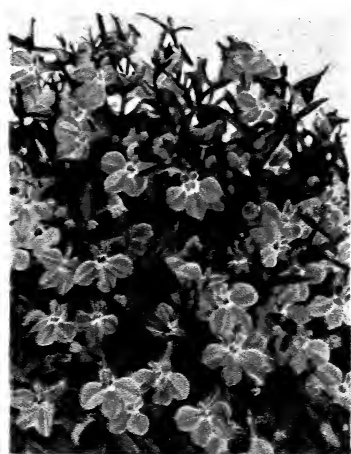
FRENCH MIXED. Double flowers of yellow, orange, cream, brown and old gold in a splendid mixture. Pkt., 10c; oz., 75c.

DOUBLE AFRICAN MARIGOLDS

ORANGE BALL. Large, double quilled flowers of a rich, deep orange color; most popular of all the Marigolds. Grows 3 ft. high. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

LEMON BALL. Like Orange Ball except in color, which is a soft lemon-yellow. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

DOUBLE AFRICAN MIXED. Orange and yellow mixed. Pkt., 10c; oz., 75c.



Lobelia, Crystal Palace.



Lupines.

MIGNONETTE The sweet yet delicate odor of the Mignonette has endeared itself to every true lover of flowers. Seed of this splendid annual sown early in the garden will give flowers all through the Summer and Fall.

ALLEN'S DEFIANCE. This gorgeous Mignonette is deliciously sweet-scented, a quality no other large-flowering variety has. The individual florets are of immense size, forming a graceful as well as compact spike 12 to 15 inches long. Pkt., 10c; oz., 50c.

SWEET. The familiar and popular Sweet Mignonette. Pkt., 10c; oz., 25c.

MIMULUS Showy, profuse-flowering plants; fine for greenhouse or moist, shady situations; half-hardy perennials, blooming the first year from seed if sown early.

MOSCHATUS (Musk Plant). Fine for hanging baskets, etc.; small yellow flowers, musk scented foliage. 1 foot. Pkt., 25c; ¼ oz., \$1.50; ½ oz., \$2.50.

TIGRINUS (Monkey Flower). Fine mixed spotted varieties. Pkt., 10c; ¼ oz., \$1.25; oz., \$3.50.

MIMOSA PUDICA (Sensitive Plant). 1 foot. Curious and interesting, pinkish white flowers; leaves droop when touched or shaken. Pkt., 10c; oz., 60c.

MOMORDICA Very curious climbing vine, with ornamental foliage, fruit golden yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior; fine for trellises, stumps, rock work, etc. Annual. 10 feet.

BALSAMINA (Balsam Apple). Round apple-shaped fruit, very fine, glossy green foliage. This is the prettiest climber of the two. Pkt., 10c; oz., 75c.

MYOSOTIS (Forget-Me-Not). They are considered among the best Spring flowers and grouped with pansies and daisies the most lovely combinations may be obtained. The tall varieties are of trailing habit and adapted to covering large patches, which they transform into a sea of



Climbing Nasturtiums.

blue. Flourish in shady, moist situations.

INDIGO BLUE. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.00.

ALPESTRIS. Light blue. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c; oz., \$1.25.

ALPESTRIS ROSEA. Pink. Pkt., 10c; ¼ oz., \$2.00; oz., \$6.00.

NASTURTIUMS TALL OR CLIMBING NASTURTIUMS. For verandas, trellises, walls, fences, or trailing along the ground. They are easy to raise and make a thick growth. Flowers are fine for bouquets. Our mixture is made up by us from named varieties of the finest Tall Nasturtiums, all flowers of good colors. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

DWARF OR BEDDING NASTURTIUMS. For planting in a bed in the garden, or for using as an edging or border. They grow about 1 foot high and are beautiful planted in a row along the edge of garden or lawn. Make fine cut flowers. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

NEMESIA which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. Pkt., 10c; ¼ oz., \$2.75; oz., \$8.00.

NICOTIANA AFFINIS (Tobacco Plant). The tubular, fragrant flowers open morning and evening, and are very attractive for border or beds. The plant attains a height of 3 feet. Pure white. Pkt., 10c; oz., 60c.

NIGELLA DAMASCENA (Love-in-a-Mist or Devil-in-the-Bush). A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed. 18 inches. Pkt., 10c; oz., 35c.

LOHRMAN'S PANSIES August-sown seed produces large plants, which flower freely the following Spring. Sow in open ground early in August, setting to permanent location in September. Place about 3 inches of dry leaves, loose straw, or soft hay over the plants the last of November. This will afford good protection and make splendid early-flowering plants. Seed sown early in Spring will produce flowers in late Summer.

Giant Trimardeau Years of scientific culture, hybridization and selection in raising Pansies have gradually evolved a superior race of luxuriant, robust growth and deep-rooting drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form and colors. Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.15; oz., \$2.00; 4 ozs., \$6.50; lb., \$22.00.

Lohrman's Mammoth Exhibition Very large flowers of exceptionally fine form and substance, usually ruffled and beautifully veined and blotched in all the finer and deeper shades and colors found in Pansies. Pkt., 10c; $\frac{1}{4}$ oz., \$1.50; $\frac{1}{2}$ oz., \$2.50; oz., \$4.50; 4 ozs., \$15.00; lb., \$50.00.

Steele's Greenhouse Mixture A giant strain which for size of bloom, heavy texture and varied shades and colors, with their distinct markings, cannot be excelled. Pkt., 25c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{2}$ oz., \$3.25; oz., \$6.00; 4 ozs., \$21.00; lb., \$75.00.

Steele's Miracle Mixed Mastodon Pansy A superb mixture of all the finest types and latest novelties, including ruffled flowers, sun-burst Pansies, smoky rims, and henna shades. Oregon-raised Pansy seed has rapidly come to the front, and we take pleasure in offering this latest production described as above by the originator himself. Pkt., 25c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.25; oz., \$10.00; $\frac{1}{4}$ lb., \$54.00.

Swiss Giants The flowers of this strain are enormous, over 3 inches in diameter, perfectly round with overlapping petals, borne well above the foliage. It includes many rare and new color combinations—salmons, pinks, reds. All flowers are three or five-blotched. There are no self colors in this mixture. Pkt., 50c; 1 lb. oz., \$2.25; $\frac{1}{2}$ oz., \$4.00; $\frac{1}{4}$ oz., \$7.50.

PHLOX DRUMMONDI The annual Phlox make a magnificent show in beds and masses where their brilliant and varied colors produce a gorgeous effect. They are very easily raised and afford a bright display of flowers all through the Summer. Sow seed in the open ground in the Spring. A sunny position is best. White, pink, scarlet, lilac, primrose and mixed. Mixed, pkt., 10c; $\frac{1}{4}$ oz., \$1.25; oz., \$3.50.

POPPIES Few flowers have the same grace of stem, airiness of poise, and delicacy of tissue as the Poppy. For beds and borders, with a background of green, there is nothing finer. A sandy loam suits Poppies best, and as their strong tap roots are difficult to transplant, the seed should be sown where the plants are to bloom. Sow thinly, cover very lightly, and thin the plants to stand a foot apart.

CARNATION-FLOWERED. Large, ball-shaped, double flowers, with beautifully fringed petals. In a variety of shades, many striped. Pkt., 10c; oz., 25c.

FLANDERS POPPY. Vivid scarlet-red. This flower has in the minds of men been associated for over two hundred years with the battlefields of Flanders. Was the first official flower of the American Legion. Pkt., 10c; oz., 50c.

SHIRLEY. The flowers are immense, often 4 inches across, the petals are fluted and crinkled and in the sunlight appear like ruffled satin. The plants are well branched, about 12 inches high, and bloom in continuous succession for weeks. Mixed. Pkt., 10c; oz., 50c.

Salvia Splendens.

California Poppies.

Shirley Poppies.



PETUNIAS For freedom of bloom, variety of color and effectiveness these have no equal. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole Summer.

Single Bedding Petunias **SPECIAL MIXTURE.** Large, single flowers, blotched and striped in all the Petunia colors. Fine for bedding. Blooms a few weeks after planting and continues to bloom profusely until frost. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

ROSY MORN. Soft carmine-pink with white throat. Makes a dainty and effective border and is very beautiful when used in window boxes, garden urns and baskets. Blooms profusely all Summer. Pkt., 10c; ¼ oz., \$1.15; oz., \$3.50.

Balcony Petunias A splendid large and free flowering type for window boxes, vases, hanging baskets, etc.; the flowers average 3 inches across and make a very effective display over a long season.

MIXED. Pkt., 10c; ¼ oz., \$1.75; ¼ oz., \$2.75.

Double Large-Flowering Varieties **MIXTURE OF DOUBLE PETUNIAS.** This is a mixture of the best large-flowering and fringed, double Petunias. Seed is saved from plants grown in pots, carefully pollinized and will produce grand flowers. Of course, every one knows only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent of doubles, while the remainder will be choice, large, single flowers. The weaker seedlings should be carefully saved, as those invariably produce the finest double flowers. Pkt., 50c.

Giants of California Petunias **DWARF GIANTS.** This is a dwarf, sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed, with open well marked throats. The mixture contains a good assortment of the most desirable colors. Pkt., 50c.

CARNATION FLOWERED. This is a deep rose, semi-double flower, resembling a double carnation. Tall growing, very floriferous and makes an attractive house plant. Pkt., 50c.



Single Portulaca.

LARGE - FLOWERING SINGLE FRINGED MIXED. A superb strain of elegant, finely fringed flowers, measuring over 4 inches in diameter; remarkable variety of color. Pkt., 25c; 1/16 oz., \$2.50; ½ oz., \$4.00; ¼ oz., \$7.50.

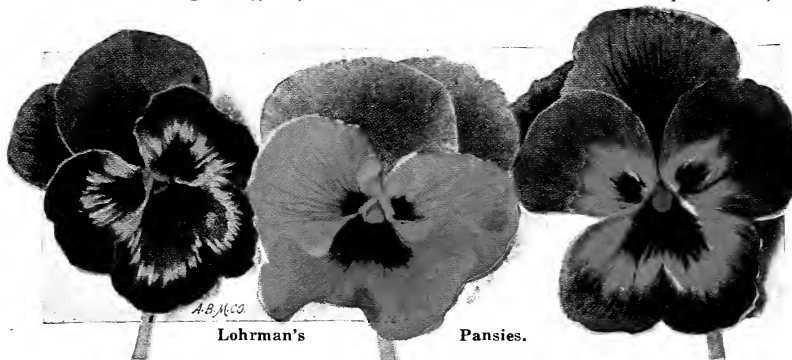
Large Single-Flowering Varieties

The flowers of this type average 3 to 4 inches in diameter.

COPPERY RED. A very attractive new shade, giant flower, comes true from seed. Pkt., 50c.

ROYAL PURPLE. A large flowering, rich velvety, purple-violet variety. Pkt., 50c.

PINK GLORY. The color is pure flame-rose-pink. The flowers are slightly ruffled. The plants grow compact to a height of 12 to 15 inches and are continually covered with flowers. Pkt., 25c; 1/16 oz., \$6.50; ¼ oz., \$12.00.



Lohrman's

Pansies.

PORTULACA (Rose Moss). This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted. In sowing, mix the seed with dry sand to insure an even distribution. Sow in May when the ground is thoroughly warmed through, and very soon one of the loveliest of floral carpets will appear. Sow between stepping stones.

SINGLE MIXED. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

DOUBLE MIXED. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.00.

PRIMULA (Primrose). The charming and beautiful Chinese Fringed Primrose and Obconica varieties are indispensable for Winter or Spring decorations in the home or conservatory. They are one of the most important Winter blooming pot plants. Sow in March, April or May. After sowing the seed, only the thinnest covering of sifted soil is needed.

CHINENSIS. Pkt., 25c.

OBCONICA. Pkt., 25c.

VERIS (English Cowslip). A mixture comprising the various shades of red and yellow; a splendid plant for the Spring blooming garden. Perennial. Pkt., 25c; ¼ oz., \$1.75; oz., \$5.00.

VULGARIS (English Primrose). Canary-yellow; fragrant. Pkt., 25c; ¼ oz., \$3.50.

RICINUS (Castor Oil Bean). Stately, strong growing plants, with very ornamental foliage, well adapted as center plants of groups of cannas, dahlias, etc. Moles are troublesome in many gardens, but they may be kept away by planting Castor Beans in the borders.

MIXED. Pkt., 10c; oz., 25c.

SALPIGLOSSIS (Painted Tongue). The blossoms are tube-shaped much like a Petunia but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold, and it is the only flower to our knowledge possessing this odd characteristic. Mixed. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

SCHIZANTHUS (Butterfly or Fringe Flower). Beautiful plant for garden in Summer and for house culture in Winter. The inflorescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. Most satisfactory for cutting. Mixed. Pkt., 10c; oz., 50c.



Single Bedding Petunias.

Semesan Prevents Damping-Off

SALVIA (Scarlet Sage). Salvias make a striking display, with their long, brilliant flower spikes rising above the green foliage. They bloom continuously from early Summer until frost, from seeds sown in March or April, in shallow boxes or pots in the greenhouse or frame. When plants are large enough, transplant singly into small pots, and set out when all danger of frost is past.

AMERICA or GLOBE OF FIRE. This is the freest and most continuous bloomer; also the most uniform in habit of growth, which makes it particularly valuable for bedding or planting in lines. Pkt., 10c; $\frac{1}{4}$ oz., \$1.50; $\frac{1}{2}$ oz., \$2.75.

BONFIRE. Compact, very bushy plants about 2 feet in height, densely covered with large, brilliant scarlet flowers on long spikes; blooms very early. Pkt., 10c; $\frac{1}{4}$ oz., 75c; $\frac{1}{2}$ oz., \$1.25; $\frac{3}{4}$ oz., \$2.00; oz., \$3.50.

SPLENDENS (Scarlet Sage). Well known bedding plants carrying long flaming flower spikes making a fine display until frost. 3 feet. Pkt., 10c; $\frac{1}{4}$ oz., 45c; $\frac{1}{2}$ oz., 75c; $\frac{3}{4}$ oz., \$1.35; oz., \$2.50.

SCABIOSA (Pin Cushion Flower). Very free-flowering ornamental plants. One of the best and most satisfactory for cutting, the blossoms being borne on tall, erect stems, in a great variety of colors from white to almost black. No garden can afford to be without them.

AZURE FAIRY (Lavender), **CHERRY RED, YELLOW, ROSE, LILAC, BLACK, WHITE, MIXED.** Pkt., 10c; oz., 75c.

SHASTA (White), **PEACH BLOSSOM** (Pink). Pkt., 25c; $\frac{1}{4}$ oz., 75c; oz., \$2.25.

STATICE (Sea Lavender). Annual. Our annual Statice is not only a beautiful flower in the border, but dries retaining its true colors, which are rare among everlasting, and have come to be indispensable in making Winter bouquets. Pkt., 10c; oz., 35c.

STOCKS **MAMMOTH EARLY BRANCHING BEAUTY.** The plants are of fine symmetrical habits, bushy, and in flower stand about 2 ft. in height. The side branches each carry a tall, strong spike well furnished with large very double clove-scented flowers. They do not flower as quickly from seed as Ten-week Stocks, the "Beauties" requiring from 12 to 15 weeks. Pink, red, violet, yellow and mixed. Pkt., 10c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.00.

CUT-AND-COME-AGAIN. Splendid perpetual bloomers, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers. Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 55c; oz., \$2.50.

GIANT IMPERIAL. Antique Copper. Double, rich hellebore red, overlaid with copper, the whole giving a very pleasing reddish antique copper effect. Pkt., 25c; 1 lb. oz., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{2}$ oz., \$3.00; $\frac{3}{4}$ oz., \$5.50; oz., \$10.00.



Scabiosa.



Salpiglossis.



"SURPRISE" Garden Mixture

Our Surprise Garden of Annuals has created a place for itself. Yearly our friends find something new and fascinating in it which they include separately in their order the following year. We buy for this mixture surplus stock seed from our growers besides named varieties and separate colors of many flowers which are attractive and easily grown but little known. Indeed there are so many flowers produced from early until late in endless succession it is a continual surprise to the gardener.

We recommend it for children's plots, vacant lots and in rows in the vegetable garden with the suggestion—do not plant too thickly. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.75.

SUNFLOWER We have in this class plants of very stately growth with immense, gaudy flowers, fine for wild gardens, along fences or garden walls.

DOUBLE CHRYSANTHEMUM-FLOWERED. Rich golden yellow flowers, perfectly double, resembling a chrysanthemum or dahlia. 7 feet. Pkt., 10c; oz., 50c.

STELLA. Differs from the type by its larger and better formed flowers of the purest golden yellow, with black disc. 4 feet. Pkt., 10c; oz., 50c.

RED SUNFLOWER. Dark-centered brilliant flowers, banded with bright chestnut-red, merging to yellow at the tips of the petals. 5 feet. Pkt., 10c; oz., 50c.

THUNBERGIA SIGNATA PUMILA (Black-Eyed Susan). Beautiful, rapid growing annual climbers preferring a warm, sunny situation; used extensively in hanging baskets, vases, low fences, etc.; very pretty flowers in buff, white, orange, etc., with dark eyes. Mixed colors. 4 feet. Pkt., 10c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

TAGETES A dwarf, compact, bushy annual Marigold, with beautiful, fernlike leaves, densely covered with flowers of bright golden yellow; first class border plant. Pkt., 10c; $\frac{1}{4}$ oz., 60c; oz., \$1.75.

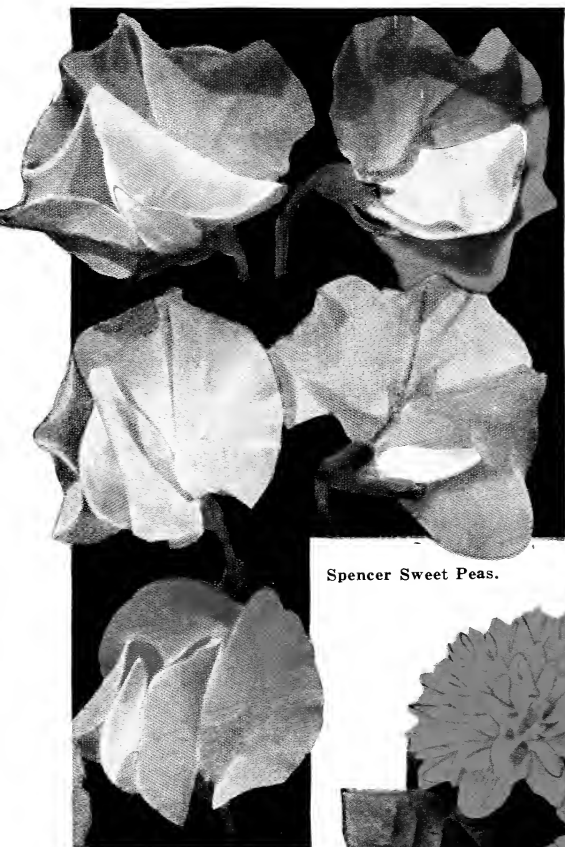
Booklet

Home Grounds—Their Planning and Planting

By L. H. Bailey.

Contains 50 pages of worth-while information

25c



Spencer Sweet Peas.

OTHER VARIETIES OF SPENCER SWEET PEAS

BARBARA. Salmon. FINEST DEEP navy-blue.
 DOBBIE'S CREAM. Primrose.
 ELFRIDA PEARSON. Light pink.
 FLORENCE NIGHTINGALE. Lavender.
 KING EDWARD SPENCER. Crimson-scarlet.
 KING WHITE. Pure white.
 MARGARET ATLEE. Rich pink.
 MARGARET MADISON. Azure-blue.
 MARY PICKFORD. Dainty cream-pink, suffused salmon.
 PRESIDENT. Dazzling orange-scarlet.
 PRESIDENT HARDING. Peach-red; a new shade.
 WARRIOR. The best pure deep maroon. Large flowers.
 ROYAL PURPLE. Rich royal purple. The color deepens as the flower ages. The best purple.
 SEPARATE COLORS. Unless noted. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.
 SUPERFINE MIXED. Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$3.00.



Double Chrysanthemum-Flowered Sunflower.

VERBENA One of the easiest grown annuals. For constant and profuse flowering, and for brilliancy and beauty of coloring, it has no equal. Start seed early under glass, if possible, that good strong plants may be had for transplanting. Bloom from early June until severe frost.
HYBRIDA GRANDIFLORA, ETNA. The large trusses of this new Verbena are of an intense geranium-red with a small creamy yellow eye. The individual florets are over one inch in diameter. Pkt., 25c.
MAMMOTH. White, pink, scarlet, blue and mixed. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.
LEMON VERBENA, ALOYSIA CITRIODORA. Pkt., 10c; ¼ oz., 85c; oz., \$2.50.

VINCA (Periwinkle). These are very bright annuals with dark glossy green leaves and large, showy flowers, and should be included in every garden. The compact plants grow 15 inches tall. They are excellent for beds, borders and window boxes. The flowers measure 1½ inches across. White, rose and mixed. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

WILD CUCUMBER One of the fastest growing vines, useful for covering old tree stumps, fences and buildings. Pkt., 10c; oz., 25c.

XERANTHEMUM ANNUUM (Everlasting). An abundance of pretty bright rose, purple and white flowers. Showy and useful as dried flowers in Winter bouquets. Blooms from early Summer till frost, 3 feet. Mixed. Pkt., 10c; oz., 75c.

Lohrman's Sweet Peas

The skill of the hybridizer has wrought marvelously in the development of this beautiful flower, so that today we have strongly marked self colors, delicate shadings of most entrancing beauty, and delightful striped and variegated effects. This range of color, combined with the exquisite beauty of form of the flowers, and the gracefulness of the stems and tendrils makes this the most popular of all our annual flowers. Height 5 to 7 feet.

Drill in rows 5 inches deep; cover 2 inches deep. As vines grow, gradually fill trench with soil, and thin to 5 inches apart. For early flowers sow in beginning of November, in a dry situation, 6 or 8 inches deep, giving level culture. Make Spring sowings just as soon as ground can be prepared.

CHOICE MIXED. This mixture has been most carefully grown from our selected stock seed and it will afford a splendid variety of blooms of improved forms and in the widest possible range of desirable colors. Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., \$1.00.

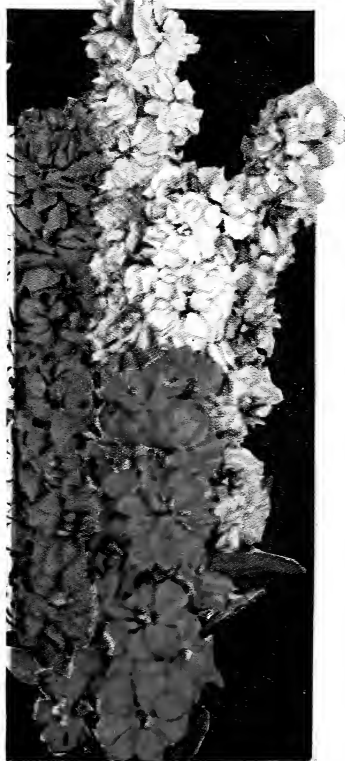
Spencer or Orchid Sweet Peas

Spencer Sweet Peas are distinguished from the Grandiflora sorts by the enormous flowers with crinkled and wavy petals, and also from the fact that they usually bear four blossoms on a stem. The plants are of robust growth and bear the flowers on long stems.

THE THREE NEW SPENCER SWEET PEAS FOR 1929
PINKIE. A large deep rose-pink; a vigorous grower, a continuous cropper and with outstandingly long, stout stems. The flowers are nicely waved and well placed on the stems. Pkt., 25c.

SUNKIST. The ground color is a clear rich cream with a soft pink edging that is clearly and cleanly defined, making a most handsome flower. The flowers are large and bold, well waved and beautifully placed on good, stout stems. Pkt., 25c.

HERO. The color of this Sweet Pea is what might be called a brilliant clear cerise. It is more than that, because in sunshine or artificial light it appears to be suffused richly with salmon. The flowers are nicely waved and well placed on long stems. Pkt., 25c.



Stocks.

Zinnias

One of the most popular and most extensively used of all hardy annuals. The following list comprises very choice varieties of the most brilliant colors. Requires but little attention: will grow in any good garden soil.

CALIFORNIA GIANTS. A wonderfully fine strain of Zinnias that we consider the most satisfactory Zinnia grown. The flowers are uniformly of mammoth size and type and true to color. The flower is not as heavy as the dahlia-flowered, the petals being more loosely placed. The small centers and long, loose petals give the flowers a more graceful appearance.

Cerise Queen. Beautiful cerise-rose.

Orange King. A beautiful shade of orange, the same as the Orange King Calendula, and the mammoth flowers are borne in great profusion on tall stems.

Purity. A new mammoth-flowering white that is an especially good clear white, quite free from the greenish tinge.

Rose Queen. A new pink Zinnia of immense size and fine form. The flower opens first as a bright rose with a deep rose-red center and then gradually develops into a warm, deep rose when in full bloom.

Scarlet Gem. Vivid scarlet flowers that are fairly dazzling in the sunlight. They are of fine form and texture.

Miss Willmott. An unusual shade of soft pink found only in this variety.

Separate Colors. all, pkt., 25c; ¼ oz., 55c; oz., \$2.50.

Special Variety Mixture. Here is a wonderful mixture of our own, made up from different colors of Giant Zinnias including the varieties named above. This is a mixture that far surpasses the usual Mixed Zinnias, both in color and quality, and only good fresh seed is used. Pkt., 25c; ¼ oz., 60c; oz., \$1.75.

DAHLIA-FLOWERED. This new giant-flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative dahlia. The flowers, although not so brilliant in color as those of the older types, are many of them in exquisite shades of

rose, lavender and old gold. The plants are strong and vigorous growing, and produce an abundance of blooms throughout the Summer and early Fall.

Buttercup. An immense, deep creamy yellow. A very desirable flower, which should be included in every collection.

Crimson Monarch. Rich crimson. By far the largest and best of red shades.

Dream. A fine, deep lavender, turning to purple (mallow purple) a new, desirable shade in Zinnias.

Exquisite. By far the most pleasing of our collection. Truly dahlia-flowered as regards form and size. Color light rose with center a deep rose. (Tyrian rose).

Meteor. A rich, glowing deep red (Spinel red) and the darkest of all the red shades. Fine form.

Oriole. We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named.

Polar Bear. A very large pure white, the best white yet seen in Zinnias. True dahlia form.

Purple Prince. A fine deep purple of fine form.

Separate Colors. all, pkt., 10c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.

Special Mixture. A well blended mixture containing the above novelties. Mixed. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

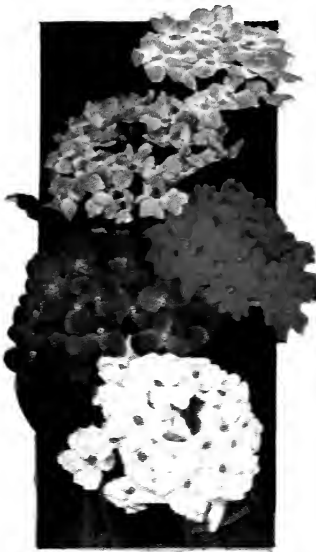
DOUBLE GIANTS. An improved strain with enormous flowers. Mixed shades of burnt orange, purple, deep flesh, scarlet, golden yellow, canary. Pkt., 10c; ¼ oz., 40c; oz., \$1.25.

CRESTED AND CURLED. The flowers are large, the petals being twisted and curled into most graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnias. Pkt., 10c; ¼ oz., 35c; oz., \$1.25.

GIANT PICOTEE. A remarkable new and distinct class with beautiful double flowers in orange, flesh, lemon, pink and cerise, each petal being distinctly tipped with various shades of dark, resembling the Picotee Carnations. All colors from white to scarlet, mixed. Pkt., 10c; ¼ oz., 55c; oz., \$2.50.

LILLIPUT. Uncommonly pretty, small branching plants, about 1 foot high, with small, very double flowers in such profusion as to fairly envelop the plant. Mixed colors. Pkt., 10c; ¼ oz., 35c; oz., \$1.25.

VICTORY MIXED. Quilled type. The petals are partially tubular or quilled giving the flower somewhat the appearance of a cactus dahlia and displaying a rich variety of colors mostly of the warmer shades, such as salmon, old rose, deep rose, lilac, bronze and dark red tones. Pkt., 10c; ¼ oz., 55c; oz., \$2.50.



Verbena.



Dahlia
Flowered
Zinnias.

Lohrman's Hardy Perennial Flowers



Hardy Perennial Flowers
planted now will bring you
pleasure for several years.

Hardy Perennial Plants are those whose roots will live over Winter in the garden and send up new growth for flowering again the next year. Many of them, if left undisturbed, will do this for several years in succession, while some others do not persist as long. Although several varieties can be grown only from root divisions, many of them can be raised from seed, some quite easily and some only with a great deal of care and difficulty. However, most varieties can be successfully grown from either seed or plants. For this reason you will find that, for some varieties, we offer only plants, and in others we offer both seed and plants.

Hardy perennials are probably the most interesting class of plants. There is such a variety of types, colors, heights, etc.; and the fact that they will live over from one year to the next, makes them especially desirable for decorating the home grounds. They lend themselves so completely and so easily to making a joyful garden, that a well laid-out planting will be a source of pleasure for years to come.

Early in the season we supply perennial plants, field grown, in dormant condition. After April 15th plants we supply are growing in 2½-inch pots.

Learn to raise
your own per-
ennial plants
from seed. It is
a most fascinat-
ing hobby.
Many of the
best gardeners
grow all their
plants from seed

ACHILLEA PTARMICA, "THE PEARL." One of the best hardy perennials, large heads of pure white, double flowers, will bloom the first season if sown early. Pkt., 10c; ¼ oz., \$2.25; oz., \$6.75. Plants, 25c each; \$2.50 per doz.

MILLEFOLIUM ROSEUM. Finely cut deep green foliage, flowers pink in dense heads. 18 inches high, and flowers all Summer. Perennial. Pkt., 25c.

ACONITUM (Monkshood). A hardy perennial, growing in any good garden soil, producing long spikes of curiously shaped blue flowers. Well adapted for planting among shrubbery. Pkt., 25c; ¼ oz., \$1.50; oz., \$4.00. Plants, 25c each; \$2.50 per doz.

AGROSTEMMA CORONARIA (Mullein Pink). A very hardy perennial, easy to grow, beautiful crimson flowers shaped like a single pink, and silvery white foliage. Blooms first year. Pkt., 10c; oz., 75c. Plants, 25c each; \$2.50 per doz.

The children love flowers and their characters will benefit if given a chance to love and care for them. How much better this influence than the fleeting gaieties and sometimes questionable tendency of usual amusements.

ALYSSUM SAXATILE COMPACTUM (Basket of Gold). A beautiful yellow perennial. Good, compact habit; very free bloomer. Pkt., 10c; oz., \$1.00. Plants, 25c each; \$2.50 per doz.

ANEMONE CORONARIA (Windflower). A very fine perennial, enormous, with great variety of striking colors. Sow seed outdoors in Spring and keep shaded until plants appear. Mixed colors. Pkt., 10c; ¼ oz., 35c; oz., \$1.25.

ANCHUSA ITALICA, DROPMORE VARIETY. One of the best hardy perennials; lovely gentian-blue, great improvement on the old variety. Pkt., 10c; ¼ oz., 50c; oz., \$1.50. Plants, 25c each; \$2.50 per doz.

ANTHEMIS HARDY MARGUERITE. Heavy-scented plants, with many-flowered heads of golden centered flowers. Because of their continuous profuse blooming, throughout the Summer, they are very desirable. Pkt., 10c; ¼ oz., 85c; oz., \$2.50. Plants, 25c each; \$2.50 per doz.

AQUILEGIA (Columbine). One of the most popular perennials, easiest of cultivation. Blooms profusely from May to August; very desirable for herbaceous borders and groups among shrubs. Very hardy. Single or double mixed. Pkt., 10c; ¼ oz., 40c; oz., \$1.25.

MRS. SCOTT ELLIOTT'S STRAIN OF LONG-SPURRED HYBRIDS. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. There are no jarring or crude tints, and the whole form a harmonious mass of coloring. Pkt., 25c; ¼ oz., \$2.50; oz., \$7.50. Plants, 25c each; \$2.50 per doz.



Buddleia.

Raising Perennials from Seed

If you are really interested in Hardy Perennials, there is a great deal of pleasure and satisfaction to be derived from raising your own perennial plants from seed. To a real flower-lover it is well worth the effort.

One advantage to be derived from this method is that many varieties do better from seed sown where the plants are to remain and be left undisturbed. This is true of Hardy Pinks, Sweet William, Hollyhocks, Canterbury Bells, and in fact, all such plants as have a single tap-root and their crowns above the ground.

Send to Us for A LITTLE BOOK OF PERENNIALS, by A. C. Hottes, Price, \$1.50.

ARABIS A hardy perennial. The spreading tufts are covered with a sheet of pure white flowers. Very desirable for edging border. Pkt., 10c; oz., 75c. Plants, 30c each; \$3.00 per doz.

HARDY ASTER **HARDY PERENNIAL ASTER** (Michaelmas Daisy). Mixed. A single-flowered perennial Aster. Flowers in the Fall and is splendid for herbaceous borders; if sown early will flower the first season. Pkt., 10c; ¼ oz., \$1.50; oz., \$4.00. Plants, 25c each; \$2.50 per doz.

AUBRIETIA (Rock Cress or False Wall Cress). One of the daintiest and most delicately beautiful of all dwarf, creeping plants for carpeting beds or rockeries, forming brilliant sheets of blue, crimson or rose for many weeks. Massed on rockeries or in borders with white Arabis and yellow Alyssum, it forms a charming contrast. A gem for planting in crevices of rocks or wall, forming a cataract of color.

LARGE-FLOWERING HYBRIDS. Pkt., 10c; ¼ oz., \$1.75; oz., \$3.50. Plants, 30c each; \$3.00 per doz.

BELLS PERENNIS (English Daisy). A hardy, free growing perennial. Its low habit of growth makes it valuable for borders. It is a long time in bloom.

LONGFELLOW. Double pink. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.00.

RED. Pkt., 10c; ¼ oz., \$4.00; oz., \$12.00.

SNOWBALL. Double white. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.00.

DOUBLE MIXED. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.00.

BOCCONIA **CORDATA** (Plume Poppy). A very handsome perennial. Foliage bright green. Spikes two to three feet long, of cream colored flowers; easily raised from seed. Pkt., 10c; ¼ oz., 35c; oz., \$1.00. Plants, 25c each; \$2.50 per doz.

BOLTONIA One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September.

ASTEROIDES. White. Pkt., 10c; ¼ oz., \$1.50; oz., \$4.50. Plants, 25c each; \$2.50 per doz.

BUDDLEIA (Butterfly Bush or Summer Lilac). Perhaps the most popular of our garden and hardy border shrubs, being almost continually in flower from July until frost. The bush grows to a height of about four feet and produces an abundance of flower spikes, which are made up of myriads of miniature florets of a beautiful lilac shade. The flowers are very fragrant and attract butterflies in great numbers, from which fact the shrub has gained its name. Even a small plant will flower freely the first season, if planted early. Plants, 40c each; \$4.00 per doz.

CAMPANULAS (Bellflowers). Well known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-shaped flowers, thriving best in light, rich soil; some of the varieties flower the first season if sown early.

MEDIUM. A hardy biennial, which will flower well the second year from seed. Dark blue, light blue, rose, white, single and mixed. Single, pkt., 10c; oz., 50c. Double, pkt., 10c; oz., \$1.25. Plants in separate colors, 25c each; \$2.50 per doz.

CUP AND SAUCER CANTERBURY BELLS (Campanula medium calycanthema). This is unquestionably the finest type of this old-fashioned and much prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. 30 inches. Pink, blue and white mixed. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.00. Plants, 25c each; \$2.50 per doz.

CARPATICA (Carpathian Harebell). A pretty species growing in compact tufts, not exceeding 8 inches high; flowers clear blue and mixed, held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery it is unsurpassed. Pkt., 10c; ¼ oz., 35c; oz., \$2.50. Plants, 30c each; \$3.00 per doz.



Cup and Saucer Canterbury Bells.

CANDYTUFT (Iberis Sempervirens). A profuse, white-blooming hardy perennial, coming in flower early in the Spring. Much used for cemeteries, rockeries, etc. 1 foot. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.00. Plants, 25c each; \$2.50 per doz.

CARNATIONS Carnations are a great favorite with most people who take pride in their old-fashioned gardens. They have the most beautiful colors and are easily raised from seed the first year.

CHABAUD'S GIANT DOUBLE. White, pink, dark yellow, maroon, and red. Pkt., 10c; ¼ oz., 75c; oz., \$2.00. Plants, mixed colors, 25c each; \$2.50 per doz.

CENTAUREA (Hardheads or Knapweed). Makes a fine display in the border; also excellent for cutting.

MONTANA (Perennial Cornflower). Grows 2 feet high, bearing large, violet-blue flowers from July to September. Pkt., 10c; ¼ oz., 35c; oz., \$1.00. Plants, 25c each; \$2.50 per doz.

HARDY CHRYSANTHEMUMS These small-flowered varieties produce a great profusion of bloom late in the Fall after most flowers have been killed by frost. We have selected those varieties that are hardiest and most sure to bloom in our Northern climate. Scarlet and carmine, bronzy orange, rose-pink, golden bronze and white. Plants only, 25c each; \$2.50 per doz.

EARLY FLOWERING DOUBLE AND SEMI-DOUBLE MIXED. A new perennial variety, which can also be treated as an annual, blooming the first year from seed. The flowers are of many colors and shades. Pkt., 10c; ¼ oz., \$2.50.

COREOPSIS **LANCEOLATA GRANDIFLORA.** This is one of the finest of hardy plants, with large, showy, bright yellow flowers produced in the greatest abundance from June till frost. Fine for cut flowers. Pkt., 10c; oz., 75c. Plants, 25c each; doz., \$2.50.

LANCEOLATA GRANDIFLORA FL. PL. (Double-Flowering Coreopsis). This new double and semi-double form is just as easy to grow as the single-flowering and the extra petalage adds a further charm to the flower.

DELPHINIUM (Perennial Larkspur). Imported English seed. These handsome, stately border plants produce long, bold flower spikes ranging in color from the palest sky-blue to the darkest shades of indigo and violet. and are unrivaled for producing blue effects in the Summer border. If, after the first flowering, the stems are cut down close to the ground, they will bloom again in Autumn.

BELLADONNA. Clear turquoise-blue, white center. Pkt., 10c; ¼ oz., \$2.50; oz., \$7.50. Plants, 25c each; doz., \$2.50.

BELLAMOSUM. Beautiful spikes of rich blue flowers. Pkt., 10c; ¼ oz., \$3.00; oz., \$9.00. Plants, 25c each; doz., \$2.50.

GOLD MEDAL HYBRIDS. Produce long spikes of large flowers. An extra fine strain containing many shades of blue. Pkt., 10c; ¼ oz., \$1.35; oz., \$4.00. Plants, 25c each; doz., \$2.50.

IMPORTED STRAIN (Blackmore & Langdon's). Grown from seed of famous named sorts. Introduced by England's foremost grower of Delphiniums. Pkt., 25c; 1 16 oz., \$2.50. Plants, 30c each; doz., \$3.00.

THE BUTTERFLY DELPHINIUMS are forms of Delphinium Chinese. Height, 2 to 3 ft. Though perfectly hardy perennials, they have the special merit of developing to full size the first year, when sown in frame in February or March.

Blue Butterfly. Pure deepest blue. Per pkt., 15c; ¼ oz., 50c; oz., \$1.50.

White Butterfly. Pure white with sulphury buds. 15c per pkt., ¼ oz., 75c; oz., \$2.00.



Mrs. Scott Elliott's Hybrid Aquilegia.

DIANTHUS OR PINKS PERENNIAL. The Dianthus are better known as Chinese Pinks and are always used in old-fashioned gardens. Blooms the first year, also the second year if protected through the Winter.

PLUMARIUS (Pheasant's Eye). Single fringed flowers. Pkt., 10c; oz., 75c.

PLUMARIUS (Double Grass Pink). Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

DIANTHUS ALLWOODI. This is an important addition to our list of perennial plants. They are perfectly hardy and flower continuously from early Spring until late in the Autumn. The flowers are much more substantial and larger than the old type of Hardy Pinks, and are borne on long stems suitable for cutting; deliciously clove-scented. Pkt., 25c. Plants, 30c each; doz., \$3.00.

DICTAMNUS (Gas Plant). The seed of these is very slow to germinate.

FRAXINELLA. 3 feet. June-July. An old and beautiful plant with ash-like foliage and large spikes of deep pink, purple veined flowers, excellent for cutting. Pkt., 10c; ¼ oz., \$1.00. Plants, 25c each; doz., \$2.50.

ALBUS. 3 feet. June-July. Spikes of attractive pure white sweet-scented flowers. Perennial. Pkt., 10c; ¼ oz., \$1.00.

DIELYTRA (Bleeding Heart). A hardy perennial with heart shaped, rose colored flowers in drooping spikes. The base of the flower is furnished with two sheathlike spurs. One of the best border plants; perfectly hardy and easily cultivated. Flowers in April or May. The Bleeding Heart is one of the choicest members of the old-fashioned gardens. They prefer the shaded nooks in the border. 75c each; doz., \$7.50.

DIGITALIS (Foxglove). Hardy perennial, bearing long spikes of beautifully colored flowers; fine for planting in hardy borders or among shrubbery.

GLOXINIAEFLORE. Purple, rose, white, mixed. Pkt., 10c; ¼ oz., 30c; oz., \$1.00.

THE SHIRLEY HYBRIDS. 6 to 7 ft. The flower heads are over 3 ft. long, covered with big bell shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractively dotted with crimson or chocolate. Pkt., 10c; ¼ oz., 50c; oz., \$1.50. Plants 25c each; doz., \$2.50.

EUPATORIUM. A splendid native plant, growing two feet high. Immense heads of purplish pink flowers; fine for naturalizing along streams and ponds, and for planting among shrubbery.

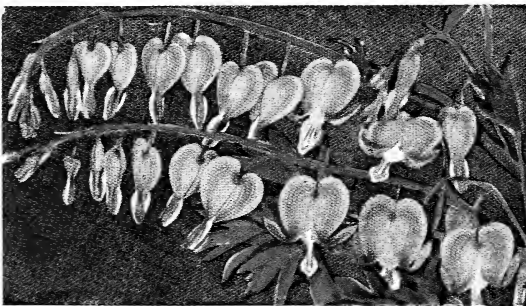
COELESTINUM. Lavender flowers. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

GAILLARDIA (Blanket Flower). Showy border plants producing flowers from July to September. A continual supply of richly colored flowers ranging from clear yellow to glowing scarlet-red. Fine for cutting.

GRANDIFLORA. Choice mixed. Pkt., 10c; oz., 75c. Plants, 25c each; doz., \$2.50.

DAZZLER. Introduced in England two years ago. Large, dull red flowers; very fine variety. Pkt., 25c; ¼ oz., \$1.00. Plants, 30c each; doz., \$3.00.

PORTOLA HYBRIDS. These are hybrids of the well-known Portola variety and reproduce quite satisfactorily from seed. This is a red with a golden tip. Pkt., 25c; 1/16 oz., \$1.75; ¼ oz., \$3.25.



Bleeding Heart.

GEUM Well known hardy perennials noted for their rich coloring and freedom of flowering. Most useful for cutting and the rockery or border.

ATROSANGUINEUM FL. PL. Pretty border plants, growing 18 inches high and producing brilliant scarlet flowers throughout the Summer. Pkt., 10c; ¼ oz., 75c; oz., \$2.50. Plants, 25c each; doz., \$2.50.

GYSOPHILA (Baby's Breath). An elegant border plant, the light graceful sprays of flowers being used for mixing with Sweet Peas and other cut flowers.

PANICULATA. A very hardy perennial, small single white flowers. Pkt., 10c; oz., 75c. Plants, 25c each; doz., \$2.50.

PANICULATA FL. PL. The new double flowering Baby's Breath, smothered with dainty, double, white flowers, which, when cut and dried, are useful for table decoration in Winter. Pkt., 25c; ¼ oz., \$1.75; oz., \$3.00.

HELENIUM Handsome plants, allied to the sunflowers. Of the easiest culture, forming dense masses of bloom in late Summer or Autumn.

RIVERTON GEM (New). Old gold, suffused with bright terra cotta, changing to wall-flower-red. August to October. Pkt., 10c; ¼ oz., 75c; oz., \$2.50. Plants, 25c each; doz., \$2.50.

HEUCHERA (Coralbells). Beautiful plants for front row of borders, with slender, fairy-like spikes of richly colored flowers; most striking in the garden and light and graceful for cutting.

SANGUINEA. 12 to 18 inches. June to September. Flowers bright crimson; very free-flowering. Nice for cutting. Excellent for rock garden. Pkt., 25c; 1/16 oz., \$2.00; ¼ oz., \$3.75. Plants, 30c each; doz., \$3.00.

HELIOPSIS (Orange Sunflower). Similar in general habit to Helianthus, but commencing to flower earlier in the season. July and August.

ZINNIAEFLORE. Pkt., 10c; ¼ oz., 35c; oz., \$1.25.

HEMEROCALLIS (Yellow Day Lily). Popular hardy plants belonging to the Lily family. They succeed everywhere and should always be included in every border of old-fashioned hardy plants. Plants, 25c each; doz., \$2.50.

HIBISCUS (Rose Mallow). Noble, shrublike plants, with handsome green foliage, bearing throughout Summer large bright flowers, from 3 to 5 inches in diameter. August-September. Very hardy. Suitable for garden and indoor use when cut. 3 to 5 ft. Pkt., 10c; ¼ oz., 30c; oz., \$1.00. Plants, 25c each; \$2.50 per doz.

HOLLYHOCKS Stately, majestic, hardy plants, from 6 to 8 ft. high, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

CHATER'S SUPERB. Double white, pink, maroon, lilac, salmon, scarlet, yellow. Separate colors. Pkt., 10c; ¼ oz., \$1.25; oz., \$3.75. Plants, 25c each; doz., \$2.50.

SINGLE. White, pink, salmon, red, maroon, yellow and mixed. Pkt., 10c; ¼ oz., 50c; oz., \$1.50. Plants, 25c each; doz., \$2.50.

IMPERATOR. The flowers of this new strain are double and 5½ to 6½ inches across, consisting of wide outer petals elegantly frilled and deeply fringed. Pkt., 25c.

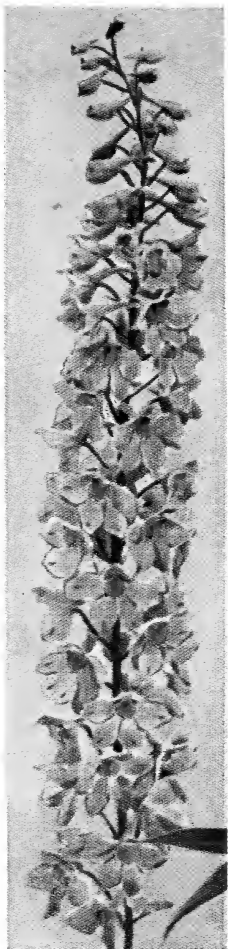
LATHYRUS (Everlasting or Hardy Sweet Pea). Hardy climbers, growing 6 to 8 ft. high when trained on a trellis. The flowers are borne in large clusters. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid cut flower. White, red and pink. Pkt., 10c; ¼ oz., 75c; oz., \$2.00. Plants, 25c each; doz., \$2.50.

LAVANDULA VERA (Lavender). This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. Pkt., 10c; ¼ oz., 75c; oz., \$2.00. Plants, 25c each; doz., \$2.50.

LIATRIS PYCNOSTACHYA (Blazing Star or Gay Feather). The popular name of this plant is Kansas Gay Feather. Nothing can be planted that will attract more attention on account of its unusual appearance; but it is beautiful as well as odd. It blooms in midsummer and throws up long, narrow spikes of rich purple flowers, which last a long time. A peculiarity of this plant is its great attraction for butterflies. Pkt., 10c; ¼ oz., 60c; oz., \$1.75. Plants, 30c each; doz., \$3.00.

LINUM (Flax). Erect growing plants with showy flowers which open in the sunshine. Blooms continuously and of easy culture in full sun.

PERENNE. Perennial. Blue flowers. Pkt., 10c; ¼ oz., 30c; oz., \$1.00.



Delphinium—Belladonna.

LOBELIA (Indian Paintbrush). Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam. Season August till late September.

CARDINALIS (Cardinal Flower). Rich, fiery cardinal flowers. Strong plants, often producing 10 to 18 spikes, 24 to 30 inches long. Pkt., 10c; 1/4 oz., \$3.00.

LUNARIA BIENNIS (Honesty). Hardy biennial thriving almost anywhere; especially useful in shady, damp places. The flowers of purple, crimson or white are followed by silvery transparent seed pods. Prized for Winter bouquets. Height 2 feet. Mixed colors. Pkt., 25c.

LUPINUS A perfectly hardy plant producing long spikes of beautiful pea-shaped flowers on stems 3 feet long. They are excellent for cutting and bloom from June until September.

POLYPHYLLUS. Blue, white, rose and carmine mixed. Pkt., 10c; oz., 50c. Separate colors, 1/4 oz., \$1.00; oz., \$3.00. Plants, mixed colors, 25c each; doz., \$2.50.

LYCHNIS Hardy perennial, will bloom first year from seed if sown early. These may be classed among the best known and most popular of old-fashioned flowers. Of easiest culture and most pleasing habit.

CHALCEDONICA. Sometimes called Maltese Cross. Flowers beautiful scarlet; fine for massing. Pkt., 10c; 1/4 oz., 35c; oz., \$1.25. Plants, 25c each; doz., \$2.50.

FEVERFEW **LITTLE GEM** (Matri-caria). A most useful border plant and valuable Summer cut flower, with large, double, white flow-

ers. June until October. 18 to 24 inches. Pkt., 10c; oz., 75c. Plants, 25c each; doz., \$2.50.

MERTENSIA VIRGINICA (Bluebells). An early Spring-flowering plant, growing about 1 to 1 1/2 ft. high with flowers fading to clear pink; one of the most interesting of our native Spring flowers. Plants, 25c each; doz., \$2.50.

MYOSOTIS (Forget-Me-Not). See page 22).

MONARDA (Bergamot). Showy plants growing from 2 to 3 feet high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

DIDYMA, CAMBRIDGE SCARLET. Brilliant crimson-scarlet. Plants, 25c each; doz., \$2.50.

OENOTHERA (Evening Primrose). Elegant for a sunny position in the border or on the rockery, blooming all Summer.

MISSOURIENSIS. 10 inches. June to August. A low species with prostrate, ascending branches; profuse bloomer. Solitary flowers, often 5 in. across. Good for border or rock garden. Pkt., 25c; 1/16 oz., \$1.50. Plants, 25c each; doz., \$2.50.

PANSIES. See page 23.

HARDY PERENNIAL PHLOX

DECUSSATA. Mixed. A great variety of colors. If the first spikes of bloom are removed as soon as over, and the plants given a good watering, they will produce a second supply of flowers. Separate colors. Pkt., 10c; 1/4 oz., \$1.50; oz., \$4.50. Plants, 25c each; doz., \$2.50.



Physalis—Chinese Lantern Plant.

PLATYCODON (Japanese Bellflower). Very handsome, hardy perennials with beautiful, large, bell-shaped flowers like the Campanulas. They are very effective for borders or for the rock garden. Pkt., 10c; 1/4 oz., 75c; oz., \$2.50. Plants, 25c each; doz., \$2.50.

POPIES BEAUTY OF LIVERMORE. Dark crimson, black blotches. Pkt., 10c; 1/4 oz., \$1.25; oz., \$3.50.

ORIENTALE. Tremendous cup-shaped blooms of brightest orange-scarlet shades, with large, purplish black blotches at base of petals, creating a wonderful contrast when bloom is fully open. Clumps of these throughout the border add a brilliancy that no other flower can provide. Pkt., 10c; 1/4 oz., 75c; oz., \$2.75.

ORIENTAL HYBRIDS MIXED. Saved from a large number of named sorts, embracing all of the colors. Pkt., 10c; 1/4 oz., 75c; oz., \$2.75.

SCARLET. Plants, 25c each; doz., \$2.50.

PINK BEAUTY. Pkt., 10c; 1/16 oz., \$1.50; 1/4 oz., \$2.50. Plants, 25c each; doz., \$2.50.

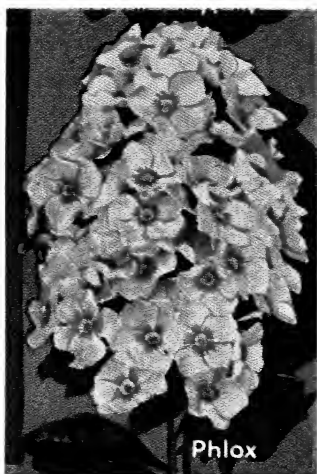
ICELAND. The plant is of neat habit, forming a tuft of bright green fernlike foliage, from which spring, throughout the entire season, a profusion of slender, leafless stems 1 foot high, each graced with charming cup-shaped flowers. Pkt., 10c; 1/4 oz., 50c; oz., \$1.75.

PRIMULA VERIS HYBRIDS (Hardy Primrose). This strain includes various shades of lilac, purple and violet, as well as a wide range of buff, orange, salmon and rich reds approaching scarlet in intensity. Quite hardy and of vigorous growth. Pkt., 25c; 1/4 oz., \$1.75; oz., \$5.00.

VULGARIS. The old English Primrose with pale yellow flowers. Pkt., 25c; 1/4 oz., \$3.00.



Double Hollyhocks.



Phlox

PENTSTEMON BARBATUS TORREYI. Spikes of bright colored flowers from June till August. A very effective plant for hardy beds. Pkt., 10c; 1/4 oz., 35c; oz., \$1.25. Plants, 25c each; doz., \$2.50.

PHYSOSTEGIA VIRGINICA (False Dragonhead). Forms large clumps 3 to 4 ft. high, bearing long spikes of delicate pink flowers, tubular in form. July-August. Pkt., 10c; 1/4 oz., \$1.00; oz., \$3.50. Plants, 25c each; doz., \$2.50.

ALBA. Same as Virginica only white.

PHYSALIS FRANCHETI (Chinese Lantern Plant). An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits, which, when cut, will last all Winter. Very attractive plant. Pkt., 10c; 1/4 oz., 65c; oz., \$2.00. Plants, 25c each; doz., \$2.50.



Tritoma—Red Hot Poker.

STOKESIA CYANEA (Cornflower Aster). A most desirable hardy perennial with azure-blue or lavender, cornflower-like bloom, blossoming continuously from July till late frosts. Mixed. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

SWEET ROCKET 2 to 3 ft. June and July. Fragrant white, lilac, and purple flowers in showy spikes. Desirable for wild garden, shrubbery or mixed border. Pkt., 10c; oz., 50c. Plants, 25c each; \$2.50 per doz.

TRITOMA (Red Hot Poker). Very handsome and showy border plants. Flowers borne in compact form on stout 3- and 4-foot stems, having the appearance at a distance of orange and red colored spear heads. Require protection during Winter, unless in a very sheltered position. 40c each; \$4.00 per doz.

VERONICA LONGIFOLIA SUBSESSILIS. 2 feet. July to September. One of the handsomest blue-flowering plants. Perfectly hardy and increases in strength and beauty each year. Spikes completely studded with beautiful blue flowers; fine for cutting and one of the best plants for the hardy border. Pkt., 10c; ¼ oz., \$1.75; oz., \$4.00. Plants, 30c each; \$3.00 per doz.

VALERIANA RUBRA. Showy, hardy border plants: producing large corymbs of red flowers; fine for bouquets. 2 feet. Pkt., 10c; oz., 75c. Plants, 30c each; \$3.00 per doz.

VIOLA ODORATA (Sweet Violet). This variety is suited for forcing under glass; and perfectly hardy, and is covered with flowers in early Spring and wonderfully sweet scented. Pkt., 25c; ¼ oz., \$1.50; oz., \$4.00. Plants, 30c each; \$3.00 per doz.

VIOLA CORNUTA (Tufted Pansies). They resemble pansies in shape and form with the additional quality that they are of long stems and appear uninterruptedly from early Spring till snow flies. Mixed. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

JERSEY GEM (New). Possesses the dwarf habit and continuity of blooming of the true horned Viola (*V. cornuta*), and the vigorous, bushy growth, and roundish foliage of the finest English bedding varieties. Color is pure, rich violet, and slightly perfumed. Pkt., 25c. Plants, 30c each; \$3.00 per doz.

YUCCA FILAMENTOSA (Adam's Needle). A plant with evergreen foliage and long spikes of pendulous white flowers. It does well in dry places where few plants thrive. Plants, 25c each; \$2.50 per doz.

PYRETHRUM The cosmos-like flowers range in color from the palest pinks to deep red, the bright yellow centers forming a splendid contrast. Blooming as they do during May and June and again in the Fall, and on account of their long lasting and utility as a cut flower, we recommend them highly to our patrons. **HYBRIDUM GRANDIFLORUM**. Mixed. Pkt., 10c; ¼ oz., \$2.00; oz., \$6.50. Plants, 25c each; \$2.50 per doz.

RUDBECKIA NEWMANNI (Coneflower). The perennial form of the "Black-Eyed Susan." Deep orange-yellow flowers, with a dark purple cone; long, wiry stems 3 feet high; blooms all Summer. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.00.

PURPUREA (Giant Purple Coneflower). Peculiar reddish purple flowers, with a very large, brown, cone-shaped center. Blooms from July to October. 3 feet. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.00.

SALVIA AZUREA (Meadow Sage). A Rocky Mountain species. Grows 3 to 4 feet high, producing, during August and September, pretty sky-blue flowers in the greatest profusion. Pkt., 10c; ¼ oz., \$1.50; oz., \$5.00. Plants, 25c each; \$2.50 per doz.

SCABIOSA (Pincushion Flower). Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location, and should be grown in every garden where cut flowers are wanted; they last a long time when picked and placed in water.

CAUCASICA (Blue Bonnet). A soft and charming shade of lavender; commences to bloom in June, throwing stems 18 to 24 inches high until September. Pkt., 10c; 1/16 oz., \$1.25; ¼ oz., \$2.00. Plants, 25c each; \$2.50 per doz.

CAUCASICA HYBRIDS. A great improvement, being more vigorous with larger and longer stems and larger and heavier petals, which are ruffled and slightly frilled on the edges. Colors range from white, lilac and mauve to the darkest blue. Pkt., 25c; 1/16 oz., \$1.50; ¼ oz., \$2.50.

SHASTA DAISY A splendid hardy perennial variety, with flowers frequently 5 inches across, of the purest glistening white, with broad, overlapping petals, and borne on long, strong stems. This is a beautiful cut flower frequently lasting in good condition a week or more. Pkt., 10c; ¼ oz., 65c; oz., \$1.75. Plants, 25c; \$2.50 per doz.

STATICE LATIFOLIA (Great Sea Lavender). A valuable plant either for the border or rockery, with tufts of leathery leaves and immense candelabra-like heads, frequently 1½ feet high and 2 feet across, of purplish blue, minute flowers during July and August. These, if cut and dried, last in perfect condition for months. Pkt., 10c; ¼ oz., \$1.00; oz., \$3.50. Plants, 25c each; \$2.50 per doz.



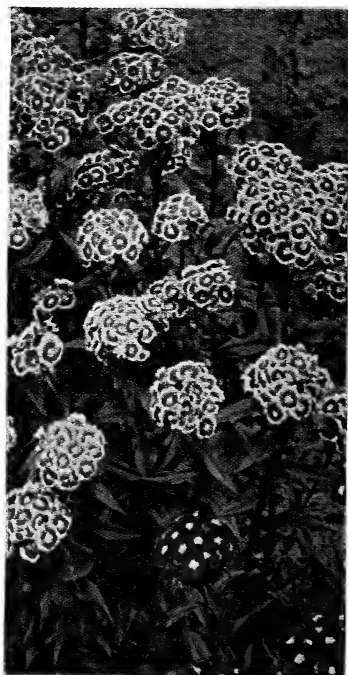
Shasta Daisies.

SWEET WILLIAM DIANTHUS BARBATUS. The Sweet William is a fine old plant which produces great masses of bloom of extremely rich and varied colors. The flowers are very lasting and fine for cutting. Single mixed, pkt., 10c; oz., 50c. Double mixed, pkt., 10c; ¼ oz., 35c; oz., \$1.25.

PINK BEAUTY (Sometimes called Newport Pink). A splendid shade of salmon with immense flower trusses. Single. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

SCARLET BEAUTY. A very effective, rich, deep scarlet variety. Single. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

PURE WHITE. Double. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.



Sweet Williams.

The Best Hardy Garden Lilies

Two Excellent Garden Lilies

Myriophyllum (New Regal Lily). One of the most beautiful and satisfactory of all garden Lilies. The inside of the flower is pure white, shading to a pretty canary-yellow in the throat. The outside is white suffused with a bright rose-pink. The blooms are 5 to 6 inches in length, and have a delightful fragrance. It is a perfectly hardy variety and once planted will increase each year. Blooms in July. 3 feet high. (See color plate). 60c each; \$6.00 per doz.

Auratum (Gold-Banded Japan Lily). Undoubtedly one of the finest. Its large, graceful, fragrant flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots and striped through the center a golden yellow; 3 to 5 feet. July to September. Jumbo size, 11 to 13 in., 60c each; \$6.00 per doz. First size, 8 to 9 in., 45c each; \$4.50 per doz.

For color, fragrance, beauty and variety of form, nothing surpasses the Hardy Lilies. They are objects of admiration wherever placed, are of easy culture and increase in size each year.

AURATUM PLATYPHYLLUM. Also called "Macranthum." This is a robust growing form; the stem is stouter and attains a greater height; the leaves are much broader; enormous flowers, white, richly spotted yellow. July to September. Size 11 to 13 inches. 65c each; \$6.50 per doz.

HENRYI. A new Japanese Lily that has made a sensation in Europe. It has the same form and appearance as the Speciosum varieties, but the flowers are bright orange-yellow. 5 to 6 feet high. August to September. Size 11 to 13 inches. 60c each; \$6.50 per doz.

LONGIFLORUM GIGANTEUM. The well-known, beautiful snow white, fragrant, hardy garden lily. Flowers trumpet-shaped, 6 to 8 inches long. Height 1½ to 3 feet. Jumbo size, 50c each; \$5.00 per doz. First size, 40c each; \$4.00 per doz.



Myriophyllum or Regal Lily.

SPECIOSUM var. RUBRUM. This fine, late-blooming plant from Japan is one of the most showy of Lilies. White, shaded and spotted with rose and red. Height 2 feet, and not difficult to grow. Blooms in August and September. Large flowering bulbs. (See color plate). 9 to 11 inches, 45c each; \$4.50 per doz. 11 to 13 inches, 60c each; \$6.00 per doz.

SUPERBUM. The Lily that defies neglect. Superbum is unquestionably one of the most satisfactory and unusual Lilies. It often grows over 8 feet high, producing 20 to 30 orange-red flowers in the month when flowers are apt to be scarce—July. 35c each; \$3.50 per doz.

ELEGANS. Solitary, deep blood-red flowers spotted purplish black, red anthers. 1 to 1½ feet. June-July. 30c each; \$3.00 per doz.

Tiger Lilies

The most easily grown and most showy of the hardy Lilies. The stalks are 3 to 4 feet high and surmounted by clusters of orange-salmon spotted flowers. Blooms in midsummer.

TIGRINUM SPLENDENS. An improved form of the single-flowered type. 25c each; \$2.50 per doz.

TIGRINUM, DOUBLE. A double-flowering form. 30c each; \$3.00 per doz.



Lilium Speciosum Rubrum.

No garden is complete without Japanese Lilies. Lily Culture in "Bulbs that bloom in the Spring." Price, \$2.00.



ROSES—The Queen of Flowers

The wide range of color, shape, and size of the blooms and the diversity and character of the foliage give it a wider range for decoration than any other single group of plants. Added to these qualifications are ease of culture, quick and ample response in blossoms, and it is not to be wondered at that the Rose has been aptly termed the "Queen of Flowers."

New Everblooming Hardy Hybrid Tea Roses for 1929

Prices of all Roses, except where noted, 75c each; \$7.50 per doz.

Mrs. A. R. Barraclough Very large conical buds and enormous pure pink flowers shaded with clear light yellow at base of petals. Very beautifully formed and unusually fragrant. The stems are long and slender, the plant unusually vigorous and blooms very freely. \$1.75 each; \$17.50 per doz.

Briarcliff This is a beautifully formed, light pink Rose. The bud is long and pointed, every flower opening perfectly. The color is a brilliant pure pink. \$1.00 each; \$10.00 per doz.

Dame Edith Helen Shapely buds and substantial, high-centered blooms of clear pink, sweetly scented and freely produced on long strong stems. Vigorous grower. \$1.50 each; \$15.00 per doz.

Mme. Alexandre Dreux Intense yellow bud, opening to a smallish, high-centered flower with sharply reflexed petals of deep yellow splashed with orange. Plant is moderately vigorous, wiry; fairly free flowering. A flower of unique color and great beauty of form. \$1.00 each; \$10.00 per doz.

Matchless Bud very large, long-pointed. The deep cerise-pink flower is immense, very double, with intensely strong fragrance, lasting well, and comes singly on long, strong stems. Foliage abundant and large. Growth vigorously bushy. \$1.00 each; \$10.00 per doz.

Mme. Albert Barbier Full, cupped flowers of soft fawn-yellow, paling to white, with pinkish shades in the center. Growth moderate, blooming steadily throughout the season. \$1.00 each; \$10.00 per doz.

Rev. F. Page-Roberts Copper-red buds of great length, opening to golden yellow blooms stained outside with red, fully double (40 to 50 petals) and very large; fragrant. Strong, branching plant with healthy foliage. \$1.50 each; \$15.00 per doz.

Souvenir de Claudius Pernet Fine buds of fadeless yellow, paling somewhat toward the edge; beautiful when half open but not so good full blown. Plant erect and strong; foliage glossy and disease resistant. Blooms freely early and late. \$1.00 each; \$10.00 per doz.

Souvenir de Georges Pernet Brick-red buds, opening to terra cotta-pink blooms of immense size, very double, and deliciously fragrant. Stocky, dwarf plant with fair foliage. Free blooming and hardy. An unusually beautiful Rose, particularly for massive bedding effects. \$1.00 each; \$10.00 per doz.

Ville de Paris Round buds of clear yellow and big globular flowers of the same hue, untouched by any other color. Plant is notably tall and wiry and the foliage, dark, small, and very leathery. \$1.75 each; \$17.50 per doz.

Talisman (New Rose) The Finest Novelty of the Season. The most vividly colored Rose ever introduced. Awarded Gold Medals in 1928 at Louisville, Philadelphia, and New York. The sweetly fragrant blooms are coppery-pink, suffused and overlaid with pure gold. \$2.50 each.

Hardy Hybrid Perpetual Roses

FRAU KARL DRUSCHKI. An immense, pure white, perfectly double Rose, sometimes almost 6 inches in diameter, abundantly produced in June and if kept growing, continues blooming all Summer. Plant robust, vigorous and upright. An extremely popular Rose.

GENERAL JACQUEMINOT. The "Jack" Rose; a long-time favorite. The fragrant, perfectly formed blossoms come early, are brilliant scarlet-crimson, and are borne on long, strong stems, by a vigorous plant.

PAUL NEYRON. One of the best Hybrid Perpetuals for outdoor culture, and probably the largest Rose in commerce, the flowers sometimes being 6 inches in diameter. Fragrant, clear pink blooms shading to rose, produced by a vigorous, hardy plant that frequently shows Fall blooms.

PERSIAN YELLOW. A small, fragrant, double, golden yellow flower borne in great profusion. Desirable for a hedge or for mixing in shrubbery.

Everblooming Hardy Hybrid Tea Roses

AMERICAN BEAUTY. Dark pink, shaded with smoky carmine, globular form, and fragrant.

BETTY. When established it produces blooms of marvelous beauty, particularly in the Autumn. Large flowers of a glowing coppery rose color, suffused with gold.

MME. CAROLINE TESTOUT. The streets of Portland are bordered with thousands of these Roses, because the beautiful blooms are borne abundantly all Summer on the strong, vigorous plants. The large, rounded flowers are bright satiny rose, with darker center, and edges of petals bordered with soft carmine-pink.

MRS. CALVIN COOLIDGE. Clear buff-yellow, suffused with orange in the center; of medium size, well formed, double, and of some fragrance. A sport of Ophelia, resembling that variety and Mme. Butterfly in all respects except color.

COLUMBIA. The flowers are large, fully double, bright lively pink in color, shading darker at maturity.

DUCHESS OF WELLINGTON. The buds are long; the flowers large, well formed, of few petals of intense saffron-yellow, changing to deep coppery yellow as they expand; delightfully fragrant and disease resistant.

WILLIAM F. DREER. A wonderfully beautiful flower of golden fawn and orange-pink; moderately fragrant. Fair growth, with average foliage and blooming qualities.

GENERAL MacARTHUR. Brilliant glowing crimson-scarlet, free bloomer and very sweet scented.

GOLDEN EMBLEM. A large, perfectly shaped, superb, golden yellow bloom.

GRUSS AN TEPLITZ. In color it is richest scarlet, shading to a velvety crimson; very fragrant; a free, continuous bloomer.

HOOSIER BEAUTY. A remarkable Rose of American origin; glowing crimson with darker shadings. Buds large, long-pointed; blooms very large, full, borne several together, on long stems; sweetly fragrant. Good variety for show purposes; stands up well.

PINK KILLARNEY. Large, long-pointed buds, opening to large, loose blooms of beautiful flesh color, borne on long, strong stems.

PREMIER. Rich, dark pink flowers of full form, fine size, and pleasing fragrance, borne singly on stiff, almost thornless stems; by a vigorous and robust plant with very fine disease-resistant foliage.

WHITE KILLARNEY. Sport of Killarney and very similar to it in size, shape and fragrance, but pure white in color.

LOS ANGELES. Its color is a luminous flame-pink toned coral, shaded translucent gold at base of petals.

MME. EDOUARD HERRIOT. Sparkling buds of coral-red and orange, opening to brilliant orange-red and salmon flower.

MME. BUTTERFLY. Color a blending of bright pink, apricot and gold.

MISS LOLITA ARMOUR. Burnished buds and creamy copper flowers with a reddish orange tinge, fully double cup and fragrant.

MRS. AARON WARD. Semi-double, cup-shaped, deep Indian-yellow flowers; fragrant; blooms till frost.

MRS. CHARLES E. RUSSELL. Rosy carmine with rosy scarlet center; large, long pointed buds, opening to full globular, double flowers; long, strong stems.

J. J. L. MOCK. Carmine buds of gigantic size, opening to enormous blooms of deep carmine-pink.

OPHELIA. The beautifully formed, fragrant salmon-flesh flowers are borne on long, stout stems, and are freely produced until frost.

PINK RADIANCE. Brilliant rosy carmine shaded with rich opaline-pink tints in the open flower.

RED RADIANCE. A bright, cheerful and even shade of pure red. Size, foliage, growth and habit same as in the parent "Radiance;" a splendid bloomer and fine variety for outdoor planting.

SUNBURST. A magnificent Rose. The color is orange-copper or golden orange, with a deep orange center.

Hardy Climbing Roses

AMERICAN BEAUTY. Brilliant carmine flowers of fine form and rich perfume.

AMERICAN PILLAR. Immense clusters of single, bright crimson flowers, with clear white eye, on long, strong stems.

DOROTHY PERKINS. Clear cherry-pink, slightly fragrant flowers in great profusion and lasting for a long time.

DR. W. VAN FLEET. Perfectly formed, long, pointed, deep pink buds on long stems with several in a cluster, that open a lighter shade of pink, expanding to about 4 inches.

EMILY GRAY. Beautiful long, pointed, slender, golden yellow buds open to semi-double, deliciously fragrant, buff colored flowers, borne in trusses on long, strong stems.

EXCELSA. A radiant, blood-red cluster Rose, as free and double as Dorothy Perkins, of which it is the red prototype.

GARDENIA. Yellow buds and creamy flowers with rich yellow centers.

MARY WALLACE. Large, very bright pink flowers, illumined with shining gold, double (20 petals), cup-shaped.

PAUL'S SCARLET CLIMBER. The brightest and purest red of all the Pillar Roses. Vivid scarlet, shaded crimson; semi-double.

WHITE DOROTHY PERKINS. Double, pure, creamy white flowers borne in great clusters; strong healthy plant.

New Booklet Garden Roses -

How to Make Them
Grow and Bloom

Containing 16 pages of helpful information. Price 25 cts.

Fertilize Rose Beds
with Bone Meal and
Sheep Manure



GLADIOLI

Provide Cut Flowers All Summer With Very Little Effort

These have been most popular for many years, and deservedly so. They are of the easiest culture, with a range of color known to no other garden bulb, useful for massing, bordering or shrubbery work, for cutting unexcelled. Any ordinary garden soil suits Gladioli, and with successive plantings from May to August flowers can be had from July until frost. Plant bulbs 4 inches deep and 6 inches apart, cultivate frequently and water freely.

Red Shades

CRIMSON GLOW. Glowing, velvety crimson, shaded deeper in the center; tall, strong grower, flowers well placed; considered the best in its color. 10c each; \$1.00 per doz.; \$7.00 per 100.

EMPRESS OF INDIA. Rich dark maroon. 12c each; \$1.25 per doz.; \$9.00 per 100.

MRS. FRANCIS KING. Brilliant vermilion-scarlet. Most popular and effective variety for all occasions. First size bulbs, 10c each; 75c per doz.; \$5.00 per 100.

RED CANNA. Deep scarlet-red, large flowers, many open at a time. Late bloomer. 10c each; \$1.00 per doz.; \$7.00 per 100.

VIRGINIA. Flaming scarlet; large, massive flowers, many open at a time, making a gorgeous display of dazzling red; good forcer. 10c each; \$1.00 per doz.; \$7.50 per 100.

MRS. WATT. American Beauty shade. 10c each; 90c per doz.; \$6.50 per 100.

Pink Shades

AMERICA. Perhaps the most popular Gladiolus grown, immense flowers of exquisite soft pink, glistening in the sunlight as if sprinkled with diamond dust. A touch of Tyrian rose ornaments the throat. Strong grower, free bloomer, tall, well furnished spike. 7c each; 60c per doz.; \$4.50 per 100.

EVELYN KIRTLAND. One of the world's finest varieties. Tall, straight, vivid rose-pink shading to beautiful shell-pink in the center. Lower petals blotched red. In every way a perfect variety. 10c each; \$1.00 per doz.; \$7.00 per 100.

HAILEY. Delicate salmon-pink, with slight roseate tinge, the lower petals bear a creamy blotch with a stripe of bright red through the center. 10c each; 75c per doz.; \$5.00 per 100.

LOS ANGELES. Shrimp-pink, tall, straight stems. This variety often comes with two flowers. 12c each; \$1.25 per doz.; \$9.00 per 100.

MARSHAL FOCH (Kunderd). Salmon-pink with small red blotches in throat. Giant flower slightly ruffled. 15c each; \$1.50 per doz.; \$11.00 per 100.

MRS. FRANK PENDLETON. Of the largest size and most exquisite color. Delicate flushed salmon-pink with rich maroon blotch on the three lower petals. 10c each; 75c per doz.; \$5.00 per 100.

MRS. H. E. BOTHIN. Light geranium-pink, heavily ruffled, scarlet center. 10c each; \$1.00 per doz.; \$8.00 per 100.

PANAMA. Very large flowering, deep pink. 10c each; \$1.00 per doz.; \$6.00 per 100.

PRINCE OF WALES. The flowers are large and well placed and the color is a most charming coral-pink. It is a sport of "Hailey," but larger and of taller growth and also somewhat earlier. The delicate tint is practically without throat markings. 10c each; 90c per doz.; \$6.50 per 100.

ROSE ASH. Old rose overlaid and blended with pink and red, giving the color of ashes of roses, hence its name; large flowers on tall, strong spikes; very attractive. 10c each; \$1.00 per doz.; \$8.00 per 100.

Seven New Gladioli for 1929

CAPTAIN BOYNTON. Beautiful lavender with deeper blotch on lower petals; perfectly placed large flowers on tall, strong stem; an excellent variety and early forcer. 30c each; \$2.50 per doz.; \$20.00 per 100.

DR. F. E. BENNETT. Peach-red, overlaid with flame scarlet, throat speckled ruby and creamy white; very large flowers of great substance, many open at a time on strong stem; sturdy grower. 35c each; \$3.50 per doz.; \$30.00 per 100.

MRS. LEON DOUGLAS. Begonia-rose striped with flame-scarlet, lower petal pale lemon, speckled ruby; tremendously large flowers, many open at a time; very tall, strong stem with several side shoots, the whole forming a gigantic bouquet; considered the largest Glad in existence. 25c each; \$2.00 per doz.; \$16.00 per 100.

PURPLE GLORY. The giant of the Kunderd! Glory race, and of remarkable color. Deep velvety maroon-red with almost black blotches as if burned into the petals. Beautifully ruffled. Extraordinary. 20c each; \$1.75 per doz.; \$13.50 per 100.

ROSE PRECOSE. Beautiful salmon-rose, slightly ruffled; many well placed flowers open at a time on long, straight stems; may be called "the straight Pink Perfection." 20c each; \$1.75 per doz.; \$13.50 per 100.

TRUDEL GROTZ. Glowing salmon-pink with small red blotch in throat, giving the whole a warm, striking appearance; enormous flowers on strong, tall stem; very good grower and propagator. 30c each; \$3.00 per doz.; \$20.00 per 100.

TWILIGHT. Creamy buff, edge of petals flaked with pink, throat primrose-yellow and pink; ruffled. 15c each; \$1.35 per doz.; \$10.00 per 100.

White Varieties

MARY PICKFORD. Creamy white throat, soft sulphur-yellow. 10c each; \$1.00 per doz.; \$7.50 per 100.

MRS. DR. NORTON. Large white flowers, the edges suffused with soft pink. The lower petals have a blotch of sulphur yellow stained with fine specks of pink. 10c each; \$1.00 per doz.; \$7.50 per 100.

PEACE. Very large, nearly white, with pale violet feathering on lower petals; flowers correctly placed on a tall, graceful spike; 10c each; 75c per doz.; \$5.00 per 100.

WHITE GIANT. Tall, immense, pure white flower. Strong, healthy grower. Its shape resembles an Easter Lily. 15c each; \$1.50 per doz.; \$11.50 per 100.

Blue Shades

ANNA EBERIUS. Dark velvety purple, throat deeper. Slightly ruffled. 10c each; 90c per doz.; \$6.25 per 100.

BARON HULOT. Full round flowers of rich, velvety purple-violet, lighter in the throat, a small golden rib through the lower petals is contrastingly effective; splendid, tall, well furnished spike. 12c each; \$1.25 per doz.; \$9.00 per 100.

BYRON L. SMITH. Lavender-pink on white ground—equal to that of a very fine Cattleya orchid. Exceedingly fine as a cut flower. 12c each; \$1.25 per doz.; \$9.00 per 100.

HERADA. Massive large blooms of a pure glistening mauve with deeper markings at throat. 10c each; 90c per doz.; \$6.50 per 100.

Yellow Shades

ORANGE QUEEN. Purest apricot-orange. One of the most beautiful colors in Glads. There is no other Glad like it. 20c each; \$1.75 per doz.; \$12.50 per 100.

SCHWABEN. Clear canary-yellow, shading to soft sulphur. Largest flower stalk and leaves of all. Planted 7 to 8 inches apart in rich soil produces wonderful blooms. 10c each; \$1.00 per doz.; \$6.50 per 100.

GOLDEN MEASURE. Fine orange-yellow, flowers large, well arranged on a tall, strong spike. 20c each; \$1.50 per doz.; \$12.00 per 100.

ROMANCE. Large orange, salmon, rose, red and yellow throat, wine-blue bordered petals. 12c each; \$1.10 per doz.; \$8.00 per 100.

GIANT-FLOWERED MIXED. A mixture of the best Giant-flowered sorts in a wide range of shades and colors, and includes many named varieties of special merit. One of the most satisfactory mixtures of Gladioli obtainable and one that is sure to give satisfaction. 6c each; 50c per doz.; \$3.50 per 100.

Primulinus Hybrid Gladiolus

These are quite distinct from the usual run of Gladioli, being of more slender growth, the orchid-like flowers set airy on the slender yet strong spikes, the range of colors is brilliant and beautiful and planted in fair sized groups in the garden make a very showy display, but it is as cut flowers that their grace and wonderful coloring show to best advantage.

ALICE TIPLADY. Rich orange-saffron. 10c each; 85c per doz.; \$6.00 per 100.

MAIDEN'S BLUSH. Delicate shell-pink. 10c each; 75c per doz.; \$5.00 per 100.

MYRA. Rich salmon or yellow ground. 10c each; 75c per doz.; \$5.00 per 100.

SOUVENIR. Pure golden yellow. 12c each; \$1.10 per doz.; \$8.00 per 100.

Field Grown Dahlia Roots

{ A Little Book of Modern DAHLIA Culture }
by W. N. Waite, \$1.50

Culture. The Dahlia will succeed in most soils, but a light, sandy loam, well drained, is preferable to a heavy loam soil. An open, sunny location is much superior to a shady one. Constant cultivation is one of the most important operations for success with Dahlias. Never allow the top of the soil to bake. Keep the soil around your plants cultivated, especially after every rain. Stir deeply at first, until buds appear, after which lighter cultivation is advised.

Plant the tubers 5 inches deep and 3 feet apart, lay flat, don't stand them upright, cover an inch or so, and add covering after sprout appears. Tie them to a stout stake, and only permit two sprouts to grow. Remove all others, or you get too much plant and no flowers.

Decorative Type

The Decorative types are characterized by gracefully formed flowers of large size with broad petals, being intermediate in form between the compact Show sorts, which are nearly round, and the Cactus varieties, which have loosely formed blossoms with long, twisted petals.

PACKEL. Autumn color. 35c each; \$3.50 per doz.

FIREBURST. Brilliant scarlet-red flowers borne on stems of good length for cutting. 25c each; \$2.50 per doz.

GERTRUDE MANDA. Lovely peachblow shade; long, graceful stems with medium sized flowers. 35c each; \$3.50 per doz.

J. GARDNER CASSATT. Immense rose-pink; free bloomer on long stems. 35c each; \$3.50 per doz.

JUDGE MAREAN. A pleasing shade of cream heavily suffused with pink. 75c each; \$7.50 per doz.

LE TOREADOR. A very fine crimson that stands at the head of its class. A very free bloomer, with long, wiry stems and an excellent keeper. 75c each; \$7.50 per doz.

MINA BURGLE. Brilliant deep scarlet; as a bloomer it has few equals; as a cut flower it has no superior; as a red Decorative it has no competitor. 25c each; \$2.50 per doz.

MRS. CARL SALBACH. One of the best for exhibition purposes, and is also in great demand as a cut flower; immense blooms of a lavender-pink color, on long, strong stems. 50c each; \$5.00 per doz.

OREGON BEAUTY. Large, long-stemmed light red. Each, 35c; doz., \$3.50.

PATRICK O'MARA. The color is an unusually soft and pleasing shade of orange-buff slightly tinged salmon-red. 50c each; \$5.00 per doz.

PURITY. A very clear white, good size. 25c each; \$2.50 per doz.

Cactus Type

ATTRACTION. Lilac-rose; petals beautifully curled. 75c each; \$7.50 per doz.

COUNTESS OF LONSDALE. Apricot shaded salmon-red. An early, very attractive Cactus variety. 35c each; \$3.50 per doz.

EFFECTIVE. Orange-scarlet with apricot suffusion; one of the Autumn tints; flowers very large on good stems for cutting; free, early and continuous bloomer. 25c each; \$2.50 per doz.

ESTHER HOLMES. Very striking, some of the flowers are orange edged white, others pure orange, and others a variation of white and orange, all on the same bush. \$1.00 each; \$10.00 per doz.

ETENDARD DE LYON. Carmine-rose, a charming color; curly, wavy petals; a giant with long, graceful stems. A gorgeous flower. 50c each; \$5.00 per doz.

MARGUERITE BOUCHON. Soft rose with white tips and center; straight petals. Medium size but of perfect form and habit. A universal favorite. 50c each; \$5.00 per doz.

RIENKONIG. Pure snow-white flowers of fine form. Splendid for cutting. 25c each; \$2.50 per doz.

STANDARD BEARER. Fiery scarlet, free bloomer. 25c each; \$2.50 per doz.

Show Type

A. D. LIVONI. Soft pink; extra fine, free bloomer. 25c each; \$2.50 per doz.

CHAS. LANIER. The largest deep yellow. Very rich yellow and fine for cutting. 25c each; \$2.50 per doz.

DR. KIRTLAND. Dark crimson; very large and full. 25c each; \$2.50 per doz.

IMPERIAL. Deep purplish maroon; good stem. 25c each; \$2.50 per doz.

JEAN KERR. Creamy white, best white cut flower obtainable. 50c each; \$5.00 per doz.

MAUDE ADAMS. A pure snowy white, very effectively overlaid clear delicate pink. One of the finest of the new Show Dahlias. 25c each; \$2.50 per doz.

Dahlia Novelties Of Special Merit

ALTAMONT. (Decorative). Large, full flowers, with long slightly curved petals which give the flower the artistic form. Plants grow tall; long, slender stems. Flowers are good keepers. Color rose, deepening to American Beauty rose toward center. \$3.50 each.

CHAS. STRATTON. (Decorative). Pale gold, shaded and tipped with old rose. A strong grower. \$1.00 each; \$10.00 per doz.

DADDY BUTLER. (Cactus). The color is American Beauty rose shade or rosy carmine. The reverse of the petals, which are tightly rolled, is lighter, giving a variation of color. A heavy producer and a long keeper with a perfect stem. \$1.00 each; \$10.00 per doz.

EMPEROR. (Cactus). Wonderful shade of rich purplish garnet; finely formed flowers on long, wiry stems; the twisted and curled petals showing the beautiful combination of color make this an unusually attractive variety. \$1.00 each; \$10.00 per doz.

JERSEY'S BEAUTY. (Decorative). True, pure pink decorative; the outer petals curling all the way back to the stem, giving it extra depth. Long, stiff stems hold the blooms perfectly erect. \$1.00 each; \$10.00 per doz.

JERSEY IDEAL. (Decorative). The bush is short and healthy, the stem is long and strong, the flower another immense one. As thick as it is broad and perfect formation. The color is best described as a lavender-pink, although it is often almost phlox pink. \$2.50 each.

MARIPOSA. (Hybrid Cactus). A delightful shade of orchid-pink which is intensified by a deeper center, with a violet suffusion. One of the gigantic Californian introductions which has depth as well as diameter of flower. Blooms early and continues in good shape until the end of the season. \$1.00 each; \$10.00 per doz.

MIRA VALENTINE. (Decorative). Large flowers of golden bronze on long, stiff stems. This flower has won many prizes for best vase of Autumn colored Dahlias at various Eastern Shows. \$1.00 each; \$10.00 per doz.

SAGAMORE. (Decorative). Light saffron-yellow with glowing golden suffusion. A good free bloomer with flowers which are particularly prized for cutting. \$1.50 each; \$15.00 per doz.

MRS. I. de VER WARNER. (Decorative). Large, perfect flowers of a deep mauve-pink, on stout stems. An extra robust, healthy grower and free bloomer. 75c each; \$7.50 per doz.

QUEEN OF THE GARDEN BEAUTIFUL. (Decorative). Huge, pale yellow flowers of an irregular, rather shaggy formation produced freely on a short, compact bush. The long stems hold the flowers erect and well out of the plant, showing them to good advantage. This flower won the first prize as largest and best flower in the show at the Dahlia Society of Michigan's First Annual Exhibit held at Lansing, Mich., last Fall. \$3.50 each.

ROYAL PURPLE. Rich deep purple. Flowers only of medium size but are abundantly produced. 25c each; \$2.50 per doz.

YELLOW DUKE. A vigorous grower with large, clear canary-yellow flowers; quilled petals. 25c each; \$2.50 per doz.

Double Dahlias

Double Dahlias, un-named, in orange, pink, purple, red, white and yellow. 15c each; \$1.50 per doz.

Pompon Dahlias

These dainty little gems are admired by everybody, and are deservedly rapidly growing in popular favor. They bloom most profusely from early in the season until frost, furnishing at all times an abundance of perfect flowers on good stems suitable for cutting.

BRONZE BEAUTY. Bronze shaded dark orange; very good. 25c each; \$2.50 per doz.

CATHARINE. Canary-yellow. 25c each; \$2.50 per doz.

ROSEBUD. Clear rose-pink. 25c each; \$2.50 per doz.

SNOWDRIFT. Pure white, compact form. 35c each; \$3.50 per doz.

TOMMY KEITH. Cardinal-red, tipped white. 25c each; \$2.50 per doz.

WINIFRED. White tipped lavender. 25c each; \$2.50 per doz.

Bulbs and Roots

Anemone - Windflower

The varieties offered below are charming, hardy flowers. They are suitable for pot or border culture and, when planted in masses, are most effective.
RED and MIXED. 15c each; \$1.50 per doz.

Begonia, Tuberous Rooted

Enormous waxlike flowers appear uninterruptedly from June until frost. Plant bulbs outdoors latter part of May or start indoors any time prior to then.
DOUBLE. Pink, red and yellow. 35c each; \$3.50 per doz.
SINGLE. Pink, red and yellow. 35c each; \$3.50 per doz.

Cannas

About May 1st we offer two varieties listed below in 4-inch pots at current prices.

KING HUMBERT. Bronze leaf, orange-scarlet flower.
PRESIDENT. Green leaf, bright crimson flower.

Caladiums

ELEPHANT'S EAR. One of the most effective foliage plants for beds and borders. Can be used with good effect as a border for tall-growing Cannas when edged with Coleus or other low-growing foliage plants. Large size bulbs, 25c each; \$2.50 per doz. Small size bulbs, 15c each; \$1.50 per doz.

Ismene Calathina - Peruvian Daffodil

A Summer-flowering bulb, producing large, white, Amaryllis-like flowers. Plant out in June and take bulbs up in October, keeping them for the next season. 15c each; \$1.50 per doz.

Gloxinia

This is, perhaps, one of the handsomest of Summer-blooming, tuberous-rooted plants and should be grown more by the amateur than it has been. 50c each; \$5.00 per doz.

Summer Hyacinths

A white Summer-flowering Hyacinth with 20 to 30 bell-shaped flowers. Height 3 to 5 feet. 15c each; \$1.50 per doz.

Montbretia

This most showy of Summer-flowering bulbs produces numbers of long, graceful spikes of brilliant star-shaped flowers, 1½ to 2 inches across, scarlet, orange and vermilion, dotted and spotted with yellow, purple and maroon. Plant these in clumps of 12 or 15 bulbs set 6 inches apart and they will make a splendid display in your garden.
MIXED HYBRIDS. 15c each; \$1.50 per doz.

Tuberose

Easily recognized by its exquisite fragrance and beautiful flower spikes, which are borne on long stems, making it an admirable cut flower. If started in warm place in pots, and at the end of May moved to open ground, it can be flowered much earlier.

DOUBLE DWARF PEARL. First size bulbs. 10c each; \$1.00 per doz.; \$8.00 per 100.

Peonies

PLANTING. Avoid planting too deeply, as this is often the cause of shy blooming; 2 or 3 inches of soil over the crown (eyes) being sufficient. The Peony roots we have to offer this season have been growing one year in the field since being divided; therefore, they have an abundance of fibrous roots.

EDULIS SUPERBA. Dark pink, even color; large, loose, flat crown when fully open. Very fragrant; upright growth; early bloomer. 50c each; \$5.00 per doz.

FESTIVA MAXIMA. Paper-white, crimson markings in center. Very large and full, rose type; very tall, strong growth. Early. 50c each; \$5.00 per doz.

FELIX CROUSSE. Very brilliant red. Medium to large, globular, typical bomb shape; fragrant; strong growth. Midseason. 75c each; \$7.50 per doz.

KARL ROSENFELD. Large, red, semi-rose type, and slightly fragrant. Early midseason. \$1.25 each; \$12.50 per doz.

MONSIEUR JULES ELIE. Early midseason. This is the king of all pink Peonies. Immense globular flowers of glossy lilac-pink, shading to deeper rose at the base. The entire flower is overlaid with a sheen of silver. \$1.00 each; \$10.00 per doz.

RACHEL. A splendid ruby-red; medium height; strong, profuse bloomer and semi-rose in type. Midseason. 75c each; \$7.50 per doz.

PRESIDENT TAFT. A vigorous, strong grower; a profuse bloomer. The color is a delicate hydrangea-pink, completely enveloped in a halo of angelic white. The fragrance is delicious. It is certainly a glorious, gorgeous flower, very large and double. \$1.25 each; \$12.50 per doz.

Hardy Climbing Vines

Nothing lends such pleasing effect to wall or veranda as the judicious use of vines. The hardy vine is best adapted for covering an unsightly wall or for furnishing shade and ornament to verandas.

Aristolochia - Dutchman's Pipe

A native species of climbing habit and rapid growth. Started in pots. \$1.25 each; \$12.50 per doz.

Ampelopsis

AMERICAN IVY or VIRGINIA CREEPER. One of the finest vines for covering walls, verandas or trunks of trees; foliage green, turning to a rich crimson in Autumn; a rapid grower and quickly fastens to anything it touches. 50c each; \$5.00 per doz.

BOSTON IVY. Leaves smaller than the American; forms a dense sheet of green as leaves overlap each other; is a little difficult to start, but when once established requires no further care; foliage changes to a crimson-scarlet in the Fall; very valuable for covering brick or stone structures, rockeries, walls, etc. Started in pots. 60c each; \$6.00 per doz.

Bignonia - Trumpet Vine

RADICANS. A hardy, high-climbing plant with large, scarlet, trumpet-shaped flowers appearing in August. 50c each; \$5.00 per doz.

Bittersweet - Waxwork

One of our native climbing plants of rapid growth, succeeding in almost any situation, sun or shade, with attractive light green foliage and yellow flowers, during June, followed in the Autumn by bright orange fruit which usually remains on the plant throughout the Winter. Strong plants, 50c each; \$5.00 per doz.; \$40.00 per 100.

Cinnamon Vine, Annual

Splendid climber, rapid grower, with bright, glossy green, heart-shaped leaves. White Cinnamon-scented flowers. 10c each; \$1.00 per doz.

Clematis - Virgin's Bower

A beautiful class of hardy climbers, many of the varieties have flowers 5 to 6 inches in diameter. They are very valuable for training around and over pillars, verandas, fences, rock work, etc.

LARGE-FLOWERED VARIETIES. \$1.00 each; \$10.00 per doz.

HENRY. Flowers creamy white and very large. A free bloomer.

JACKMANI. Immense flowers of an intense violet-purple color; bloom continually all Summer. Perhaps the best known Clematis.

MADAME EDOUARD ANDRE. Flowers are a beautiful shade of crimson; a free bloomer.

PANICULATA. Small, star-shaped flowers completely covering vine. Fragrant. 50c each; \$5.00 per doz.

Euonymus Radicans

This trailing form of Euonymus is particularly desirable for its dense, deep green, evergreen foliage. It is extremely hardy and useful for covering low foundation walls or may be clipped the same as boxwood for an edging plant. Strong, field-grown plants. 60c each; \$6.00 per doz.

Honeysuckle

HALLIANA (Hall's Japan Honeysuckle). A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all Winter. 50c each; \$5.00 per doz.

SCARLET TRUMPET HONEYSUCKLE. This and its varieties are the handsomest in cultivation. It is a strong, rapid grower and produces scarlet, inodorous flowers. 50c each; \$5.00 per doz.

Madeira Vine, Annual

A valuable climber for porches, arbors, etc. The flowers are white and very fragrant, and the foliage is a beautiful glossy green. 10c each; \$1.00 per doz.

Silver Lace Vine

POLYGONUM AUBERTI. One of the most desirable flowering climbers. The plant is of strong, vigorous growth, attaining the height of 25 feet or more, and producing through the Summer and Fall great foamy sprays of white flowers. Strong plants. 60c each; \$6.00 per doz.

Wisteria

Woody vines with tightly clinging habit, for pergolas, arbors, trellises, etc., especially ornamental in early Summer when they are resplendent with their large, drooping clusters of fragrant blossoms. \$1.00 each; \$10.00 per doz.

Hardy Ornamental Shrubs

ALTHEA One of the best known shrubs, with handsome plain and variegated foliage and bearing large, single or double flowers in August and September. **DOUBLE ROSE, PURPLE AND RED.** \$1.00 each; \$10.00 per doz.

ALMOND A beautiful small shrub, bearing an abundance of small, double, roseline flowers in May.

RED AND WHITE. \$1.00 each; \$10.00 per doz.

BARBERRY THUNBERGI. Blossoms small, yellow, followed by berries that turn bright red in Autumn. Leaves small and changing to coppery red in Fall. Ideal for hedges. 30c each; \$3.00 per doz.

THUNBERGI ATROPURPUREA. It is similar in all respects to the green-leaved Japanese Barberry, but the foliage of this new variety is of a rich, lustrous, bronzy red, becoming more brilliant and gorgeous throughout the Summer and in the Fall changes to vivid orange, scarlet and red shades. \$1.00 each; \$10.00 per doz.

BUDDLEIA (Butterfly Bush). This is perhaps the most popular of our garden and hardy border shrubs, being almost continually in flower from July until frost. Grows about four feet and produces an abundance of flower spikes, made up of myriads of miniature florets of a beautiful lilac shade. Flowers are fragrant and attract butterflies, from which fact the shrub has gained its name. Will bloom freely the first season if planted early.

CYDONIA JAPONICA (Flowering Quince). A spiny shrub most noted because of its large scarlet flowers borne in April, followed by fruit about 2 inches in diameter, yellowish green, aromatic, and fragrant. They are invaluable for border or garden planting and make beautiful informal or clipped hedges.

DEUTZIA PRIDE OF ROCHESTER. Produces large, double, white flowers, tinged with rose; vigorous grower, profuse bloomer and one of the earliest to bloom.

FORSYTHIA FORTUNEI. Strong, erect habit; bright golden yellow flowers in early Spring.

HONEYSUCKLE, BUSH (Lonicera). Valuable for their handsome flowers and showy fruit. **WHITE AND PINK.**

HYDRANGEA PANICULATA GRANDIFLORA (Hardy Hydrangea). A beautiful, tall shrub, with leaves of bright, shiny green; flowers borne in large panicles from 8 to 12 inches long, light pink, changing to brown later in the Fall; blooms in August and September; can be grown in tree form; makes a desirable lawn ornament. Height about 7 feet.

PANICULATA GRANDIFLORA, TREE FORM. The same as above, grown on stems from 3 to 5 feet high. Most attractive and desirable. \$1.50 each.

ARBORESCENS ALBA GRANDIFLORA (White-Flowered Hydrangea). Resembles the Paniculata in general form and shape of flowers; borne in panicles of pyramidal shape from 5 to 8 inches in diameter and 8 to 10 inches long; changing to a greenish white. One of the best.

INDIAN CURRANT CRIMSON-FLOWERED. A native variety with deep red flowers; blooms early in the Spring. Height 6 feet.

LILAC (Syringa). **PURPLE, RED AND WHITE.** **PERSIAN.** Dwarf-growing with slender branches and narrow leaves. Purple, red and white. \$1.00 each; \$10.00 per doz.

DOUBLE FRENCH NAMED. Improved budded sorts. The bushes are stockier, shorter, of slower growth and more treelike than other types. In assortment. \$1.25 each; \$12.50 per doz.

PHILADELPHUS CORONARIUS (Mock Orange; Garland Syringa). A well known shrub with pure white, very fragrant flowers; one of the first to bloom. Height about 8 ft. \$1.00 each; \$10.00 per doz.

CORONARIUS var. AUREUS (Golden-Leaved Syringa). A handsome variety with golden yellow foliage; keeps its color the entire season; is splendid for grouping with other varieties. \$1.00 each; \$10.00 per doz.

PRIVET CALIFORNIA. Of all hedge plants this is the most popular, and more of it is planted than all others combined. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, etc. 15c each; \$1.50 per doz.; \$10.00 per 100.

SPIREA ANTHONY WATERER. A valuable variety; color bright crimson; of dwarf, dense growth never exceeding 30 inches in height; in bloom the entire Summer and Fall.

VAN HOUTTEI. This is undoubtedly the most popular of all the varieties; foliage a rich green, changing to beautiful tints in the Fall; in blooming season the bush is a perfect mass of pure white flowers. Height 6 feet.

Prices of All Shrubs
Except Where
Noted:

75c EACH; \$7.50 PER DOZ.

SNOWBALL JAPAN. 6 to 8 ft. Large-growing shrub with soft, heavy leaves; large clusters of white flowers in May, followed by red berries that turn black as they ripen; retains its foliage late.

SWEET SCENTED SHRUB A native species with double purple flowers, very fragrant, and the wood is also fragrant; foliage rich, dark green; blooms in June and at intervals afterward. Height 5 ft. \$1.00 each; \$10.00 per doz.

SYMPHORICARPOS Inconspicuous rose colored flowers in June and July, followed by large, clustered, milk-white fruits.

TAMARIX A beautiful shrub with small leaves, similar to the Juniper; flowers are pink, small and delicate, borne on long spikes; blooms in May. Height 8 to 10 feet.

WEIGELA CANDIDA. Flowers pure white, produced in June and continue to bloom nearly all Summer. Height 8 feet. \$1.00 each; \$10.00 per doz.

EVA RATHKE. Flowers a brilliant crimson; a beautiful, clear, distinct shade. Height 5 feet. \$1.25 each; \$12.50 per doz.

ROSEA. An elegant variety with fine rose colored flowers appearing in June.

Worth-While Novelties in Flowering Shrubs and Trees

BEAUTY BUSH An exceedingly handsome ornamental shrub which has come to us from the wilderness of China and Central Asia. The foliage and habit are attractive even when the bush is not in flower. It grows 6 to 9 feet high when mature and as much through, erect and twiggy, producing long arching branches covered in Spring with clusters of small, tubular flowers of the honeysuckle type, borne in such profusion that the bush is one cloud of delicate pink. \$2.50 each.

KOREAN BRIDAL WREATH This handsome new shrub was discovered in Korea. It is a splendid, healthy plant, growing when mature, 4 to 6 feet tall, and even greater in diameter, forming a big, dome-shaped bush covered in its season with large, rounded clusters of snowy flowers marked with darker eyes. More robust and it blooms two weeks later than the familiar Spirea Van Houttei. It retains its beautiful glossy green foliage late into the Autumn. \$1.75 each.

DOGWOOD FLORIDA RUBRA (Cornus). Red or pink flowering. Grows from 20 to 25 feet high. Flowers before leaves appear, 8½ inches in diameter, a beautiful red or pink. Very durable, lasting two weeks. Foliage grayish green, glossy and handsome, turning deep red in Fall. Very ornamental. \$3.50 each.

THORN HALL DOUBLE SCARLET HAWTHORN. The most beautiful of the double flowering Thorns. A small tree or large shrub with spreading branches. Flowers bright scarlet, large, full, and very double. Leaves ovate, 3 to 7 lobed, bright glossy green. This makes an excellent specimen for the lawn. \$1.75 each.

JUDAS TREE CANADENSIS. A showy, tall shrub or small tree. All the branches and twigs are covered with a mass of small rosy pink flowers early in the Spring before the leaves appear. Plants 2 to 3 feet high. \$2.00 each.

FLOWERING PEACH DOUBLE—RED AND WHITE. A beautiful small tree rarely over 20 feet tall; at its blossoming time in May every twig and branch bright with beautifully formed flowers. \$1.25 each.

FLOWERING CRAB BECHTEL'S DOUBLE-FLOWERING. One of the most beautiful of the flowering Crabs. Tree of medium size, covered in early Spring with large, beautiful, fragrant flowers of a delicate pink color; very popular for lawns, as it blooms when quite young. 10 to 15 ft. \$1.50 each.

PLUM TRILOBA (Prunus). (Double-Flowered Plum). A very desirable addition to the hardy shrubs; flowers double and delicate pink, and thickly set on long, slender branches; blooms in May. Height 5 to 6 feet. \$1.50 each.

PURPLE FRINGE (Smoke Tree), (Rhus). A valuable ornamental shrub; has curious fringe or hairlike flowers that cover the whole tree, giving the appearance of mist or smoke. 8 to 10 feet. \$1.50 each.

Wizard

TRADE BRAND MARK

Sheep Manure



Makes All Plants Grow to Perfection

Wizard Sheep and Cow Manures are highly concentrated pure manures with all weed seeds killed. They are real soil building plant foods, safe and dependable for all plants. They supply the necessary plant food and humus to put new life into worn-out soils. Everybody, amateur and professional, can get wonderful results with Wizard because it is simple and easy to use.

LAWNS. Wizard Sheep Manure produces a thick, velvety, green lawn of lasting beauty. On new lawns broadcast 10 lbs. to 100 sq. ft. and rake into the surface soil. To put new life into old lawns, rake well and broadcast 6 to 10 lbs. per 100 sq. ft. You can avoid weeds and unsightly rubbish by using Wizard.

FLOWERS AND SHRUBBERY. Luxuriant green foliage and a wealth of vivid colored flowers quickly follow an application of Wizard. Mix a handful with the soil under new planting. On established plants rake 10 to 12 lbs. per 100 sq. ft. into the sur-

face soil. Frequent light applications will prolong the blooming season.

VEGETABLES AND FRUIT. Every practical gardener knows that there is nothing better than manure for vegetables. Wizard produces big crops of crisp, tender vegetables for the early market. Improves yield, color and flavor of fruits. Use 700 to 1500 lbs. per acre.

FLORISTS will find Wizard Sheep and Cow Manures unexcelled for feeding and liquid manuring. Safe for all plants under glass.

PRICES:

2 lbs., 25c; 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.50; 50 lbs., \$2.25; 100 lbs., \$3.50; 500 lbs., \$16.50; 1000 lbs., \$30.00; ton (2000 lbs.), \$55.00.



TRADE MARK
SACCO'S
REGISTERED

PLANT FOOD

Makes Things Grow!

SACCO is a specially prepared Plant Food for the development of fine LAWNS, GARDENS, SHRUBS, FLOWERS and TREES.

Very Effective and Economical

A light application once or twice a year will keep the lawn, garden, etc., growing in excellent condition.

RECOMMENDED BY HIGHEST AUTHORITIES

SACCO has thousands of satisfied users. In lawn and garden use and in the nurseries of progressive florists and nurserymen SACCO has proved its unvarying superiority.

Clean, Odorless and Easy to Apply

1-lb. Can	\$0.25	50-lb. Bag	\$ 3.00
5-lb. Bag .....	.50	100-lb. Bag	5.00
10-lb. Bag .....	.85	500-lbs.	22.50
25-lb. Bag	1.75	1000 lbs.	42.50
1 ton (2000 lbs.)			80.00

How Much Sacco to Buy

Use 100 lbs. for a space 40x50 or 2000 square feet. Simple directions for applying are printed on each package.

Lohrman's Land Lime Sweetens Sour Soil

Back of Every Beautiful Lawn is a "Sweet Soil" and Back of That "Sweet Soil" is—Limestone

Grass, the same as most other useful plants, must have a "sweet" soil in which to flourish. By a sweet soil is meant a soil containing enough lime to correct the natural soil acidity. Weeds will grow on any soil, grass will not.

Constant growing of grass in any one place depletes that place of lime. It must be replenished. A thin, off-color lawn, full of weeds or moss indicates one thing—lack of lime. Sweetening such a soil with Lohrman's Lime Stone helps the new grass plants to a successful and rapid growth, which will gradually crowd out the unsightly weeds and moss.

Your Garden Probably Needs Lime

Not only grass but every useful plant needs lime. It helps build part of their fiber structure. If a soil is "sour" the plants cannot develop properly. So look to the sweetness of your soil if your garden is not doing as well as it should. If it is sour, apply Lohrman's Lime Stone. Spread 50 pounds to each 500 square feet.

Price, 100 lbs., \$1.50; 500 lbs., \$6.50; $\frac{1}{2}$ ton, \$12.00; ton, \$20.00.

Fertilizers for Lawns, Gardens and House Plants

Pulverized Sheep Manure

FREE FROM WEEDS

This is a pure, natural manure and one of the most nutritious foods for plants. Its effect is immediate. It is very rich, safe and gives quick results. It will give excellent results on flower beds, lawns or in vegetable gardens. 2 lbs., 25c; 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$3.50; 500 lbs., \$16.50; 1000 lbs., \$30.00; ton (2000 lbs.), \$55.00.

Shredded Cattle Manure

An efficient, high grade natural fertilizer for general purposes, manufactured from selected fresh cleanings from cattle pens. Somewhat cooler in action than sheep manure. Use 100 pounds for 20 x 50 feet or 1000 square feet. 100 lbs., \$3.50; 500 lbs., \$16.50; $\frac{1}{2}$ ton (1000 lbs.), \$30.00; ton (2000 lbs.), \$55.00.

Bone Meal, Fine Ground

Excellent for rose beds, flower beds, gardens and for top dressing lawns. Lb., 15c; 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.60; 50 lbs., \$2.50; 100 lbs., \$4.50; 500 lbs., \$20.00; $\frac{1}{2}$ ton, \$35.00; ton, \$65.00.

Agricultural Hydrated Lime

A more finely pulverized product than the regular land lime. Directions for using the same as above. 10-lb. bag, 50c; 50-lb. sack, \$1.50; 2 sacks (100 lbs.), \$2.50; 500 lbs., \$10.00; 2000 lbs., \$30.00.

Clay's Fertilizer, Imported

Recommended highly as a forcing fertilizer. Per bag of 28 lbs., \$4.00; 56 lbs., \$7.00; 112 lbs., \$13.00.

Sacco Plant Food

Specialty prepared plant food of just the right proportions for healthy plant growth. Nourishes your lawns, vegetables, shrubs, flowers and trees develop quickly and vigorously. Use 4 lbs. per 100 sq. ft. for lawn or garden. See opposite page for further description. 1-lb. can, 25c; 5-lb. pkg., 50c; 10 lb. pkg., 85c; 25-lb. pkg., \$1.75; 50-lb. bag, \$3.00; 100-lb. bag, \$5.00.

Stim-U-planT Tablets

A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form and are therefore very convenient for house use. 10 tablets, 15c; 25 tablets, 25c; 100 tablets, 75c; 1000 tablets (pail), \$2.75.

Plantabbs

Little tablets full of health-giving, growth-producing, energizing plant food. A complete, properly balanced food for your plants; make them grow better than they ever grew before. 30 tablets, 25c; 65 tablets, 50c; 150 tablets, \$1.00; 1000 tablets, \$3.75.

Acid Phosphate

Sixteen per cent Acid Phosphate. Best grade. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 125-lb. sack, \$3.50.

Muriate of Potash

Imported Potash once again available; should be used liberally, especially for all root crops. Lb., 15c; 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.60; 50 lbs., \$2.50; 100 lbs., \$4.50.

Hardwood Ashes

This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Used at the rate of a ton or more per acre for first application, and three hundred pounds annually afterwards. It will insure a dark, thrifty growth, exemption from all effects of dry weather and freedom from weeds. 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.35; 50 lbs., \$2.25; 100 lbs., \$3.50; 500 lbs., \$15.00; $\frac{1}{2}$ ton, \$25.00; ton, \$45.00.

Adco Artificial Stable Manure

Turn Garden Refuse into Manure.

Every bit of non-woody refuse that comes from your garden—cuttings, vines, etc.—should be mixed with "ADCO," kept moist and thus converted into high grade manure. It is very simple and not a bit laborious—and every garden needs manure. ADCO, in 25-lb. bags (enough for 12 wheelbarrow loads of garden waste, making about one-half ton of manure), \$2.00; 100-lb. bag (4—25s, enough for a heap 6x6x6 ft., making about 2 tons of manure), \$7.75; 150-lb. bag (enough for a heap 10x10x6 ft., making about 3 tons of manure), \$10.50.

Dried Blood

One of the best and safest nitrogen fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$7.00; 500 lbs., \$30.00.

Florand Urea

A highly concentrated organic fertilizer containing 46 per cent available nitrogen; clean, odorless, stainless; for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees. 92 times stronger than manure. 1-lb. can, 75c.

Scotch Soot (Genuine Imported)

Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. 25 lbs., \$2.25; 50 lbs., \$3.75; 100 lbs., \$6.50.

Nitrate of Soda

Not a substitute for other manures, but one of the cheapest and best forms of nitrogen. Do not let nitrate touch green growth or it will turn. Remove lumps before using and break them up by pounding. For the home garden apply as a solution, 1 oz. to 2 gals. of water. Lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$6.00.

Sulphate of Ammonia

Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use one pound to 50 square feet of ground or bench or a tablespoonful to a bushel of soil, or three gallons of water. 2-lb. carton, 50c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$3.50; 100 lbs., \$6.00.

Vigoro

VIGORO is a specially prepared plant food, containing all the elements necessary to grow flowers, lawns, vegetables, shrubbery and trees. Costs only 10c to 20c for every 100 square feet. Clean, odorless, easily sown by hand like grass seed. Complete directions in every bag. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

Granulated Peat Moss

This is an imported product consisting of the deposits of decayed moss growth that have been accumulating for many years along the banks of certain European lakes. It has been found that this product, which is actually a granulated peat, is of invaluable importance as a soil conditioner. It adds organic matter (humus), improves the texture, conserves moisture and aerates the soil.

Granulated Peat Moss is used extensively for mixing in soil for pot plants, also window boxes, and it is an excellent medium in which to grow bulbs. The rich mellow texture that it imparts to the soil with which it is incorporated puts the soil in ideal condition for the making of a lawn, a flower or vegetable garden. It is also used for mulching perennial and rose beds as well as around evergreens, both the broad-leaved kinds, such as Rhododendrons, as well as the coniferous sorts.

Many gardeners use Peat Moss for packing and storing bulbs, such as Cannas, Dahlias, etc. Half bale (approximately 90 lbs.), \$3.75. Large bale (approximately 190 lbs., containing 13 cu. ft., covers 240 sq. ft. one inch deep), \$6.00.

INSECTICIDES AND FUNGICIDES

Insects That Suck the Juices From Plants, Foliage, etc., such as lice, green, black and white aphid or fly, mealy bug, red spider and scale, thrust their probosces into the leaf or stem, and are not affected by stomach poisons; so they must be destroyed by contact insecticides. Those in powder form kill by the breathing pores in the insect's skin; or in liquid form, by being absorbed through their pores. The best contact insecticides in powder form are Black Leaf "40", Slug Shot, and Nicotine Dust. The best in fluid form are Aphine, Nicotine, and Fish (Whale) Oil Soap.

Insects That Eat Plants, Foliage, Vegetables, Flowers, etc., whether bugs, beetles, worms, caterpillars or slugs, are more quickly and effectively destroyed with a poisonous stomachic insecticide such as Arsenate of Lead, Paris Green or Black Leaf "40". These, if applied according to directions, are so diluted as to be harmless to vegetation and to animal life.



Save Your Flowers and Garden
from
Insects and Blight

Acme All Round Spray

The formula used for All Round Spray is strongly urged by Agricultural experts all over the country to spray flowers, vegetables, shrubs, vines, berry bushes, fruit and shade trees for insect and blight control. It contains correct proportions of Arsenate of Lead for chewing insects (beetles, worms, slugs), Nicotine Sulphate to combat sucking insects (aphids, thrip, leaf hopper) and Bordeaux Mixture to prevent blight and fungous diseases (blotch, spot, anthracnose).

All you need—all you want, one item to give a triple service in just one application. Complete spraying guide with each package safeguards its use and assures satisfactory results.

$\frac{1}{4}$ lb. Tin Carton\$0.45
1 lb. Tin Carton95



ALL ROUND SPRAY. This latest improvement in the insecticide field: one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. See further description above. $\frac{1}{4}$ lb., 45c; lb., 95c.

APHINE. Destroys plant lice, aphid, red spider, etc. Use from 2 to 4 tablespoonfuls to one quart of water. (Not available. $\frac{1}{2}$ pt., 35c; pt., 60c; qt., \$1.00; gal., \$3.00.

ANTROL. A recently discovered method that is most effective for the control of all honey-dew loving ants. (Not available). Circular upon request. See further description on yellow sheet. **Prices.** Antrol sets containing 4 containers and 1 4-oz. bottle of syrup, \$1.00; extra containers, 15c each; Antrol syrup, 4-oz. bottle, 50c; pt., \$1.00; gal., \$1.00. (Note—Enough containers and syrup should be purchased to place one container every 15 feet around the house or along ant "trails" in the garden).

ARSENATE OF LEAD, DRY. May be used either as a dust diluted with hydrated lime, plaster or road dust, or as a liquid spray with water, lime-sulphur solution, or Bordeaux; only half the weight is needed as of the paste form. Use 2 to 3 tablespoonfuls to one gallon of water. $\frac{1}{2}$ lb., 30c; lb., 50c; 4 lbs., \$1.00; 8 lbs., \$1.90; 24 lbs., \$5.50; 48 lbs., \$10.00; 100 lbs., \$18.50.



BAIT-M. An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn. For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground. Lb., 50c; 3 lbs., \$1.00; 15 lbs., \$3.00.

BORDEAUX MIXTURE, DRY. For blight, mildew, rust, etc. It has all the advantages of paste with double the strength. Goes twice as far. Used for dry dusting or wet spraying. Dilute one pound to about 6 gallons of water or use 12 tablespoonfuls to one gallon of water. Lb., 45c; 4 lbs., \$1.25; 24 lbs., \$5.25; 48 lbs., \$9.50; 100 lbs., \$16.50.

BLACK LEAF 40. For plant lice, thrips, aphid and red spider. Indispensable for roses and sweet peas. One ounce will make six gallons of spray material. Oz., 35c; $\frac{1}{2}$ lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.85.

CALCIUM ARSENATE POWDER. Lb., 50c; 4 lbs., \$1.60.

CYANOGAS (Calcium Cyanide, Grade A). For the destruction of ground moles, woodchucks, rats and other rodents. Lb., 75c; 5 lbs., \$3.00. (Not available).

CYANOGAS (Calcium Cyanide, Grade G). Greenhouse fumigant, gives complete control over white fly, aphid, soft scale and thrips. Easily applied, not injurious when used according to directions. Dosage: $\frac{1}{4}$ oz. to 1000 cu. ft. Lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00. (Not available).

M-G-K
EVER GREEN
NON-POISONOUS INSECTICIDE

Effective against most all plant pests, including cabbage worms, cucumber and melon beetles, rose slugs, leaf hoppers, currant worms, etc.

Safe—Kills only insects, harmless to man, live stock, birds and pets.

Non-Injurious—Spray freely on the tenderest plants. Won't injure the ground.

Easy to Use—Just mix with water and stir. No unpleasant odor.

Won't Gum Sprayers—No bad effect on metal or rubber. Stays in solution and can't clog sprayers.

List Prices: 1½-oz. bottle, 35c; 6-oz. bottle, \$1.00; 16-oz. bottle, \$2.00; 32-oz. bottle, \$3.85; gal., \$13.00.

Ever Green can be sent through the mail.

FISH OIL SOAP. A wash for insects and eggs on the bark, and for smearing the trunks of trees to prevent worms from crawling up. Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

FLOWERS OF SULPHUR. For mildew on plants. Lb., 15c; 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.75.

FUNGINE. A remedy for fungus. Use one part to from 35 to 50 parts of water. Qt., \$1.00; gal., \$3.00.



Functrogen
FUNGICIDE AND STIMULANT

A highly concentrated fungicide that conquers Mildew and controls Black Spot on roses, phlox and other plants, and is an effective plant stimulant as well. Mix one part to sixty parts of water. ½ pt., 75c; pt., \$1.25; qt., \$2.00; ½ gal., \$3.50; gal., \$6.00.

GARDEN GUARD. A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss. For use on cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds. 1-lb. sifter carton, 25c; 5 lbs., 85c.

GRAFTING WAX. ¼ lb., 20c; ½ lb., 35c; lb., 60c.

LIME-SULPHUR SOLUTION. The standard remedy for San Jose and Oyster shell scale. Use one part to nine parts of water while trees are dormant. As a Summer spray use one part to 35 parts of water. Qt., 50c; 2 qts., 75c; gal., \$1.15; 5 gals., \$4.00; 30 gals., \$12.00; 50 gals., \$15.00.

LIME-SULPHUR DRY. For dormant spray, 14 pounds to 50 gallons of water; for Summer spray, 3 pounds to 50 gallons of water. Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.25; 25 lbs., \$4.50; 50 lbs., \$8.00; 100 lbs., \$15.00.

MAG-O-TITE. Protects crops against the ravages of the root maggot and other garden pests; also eradicates earthworms. 2 lbs., 40c; 4 lbs., 65c; 8 lbs., \$1.10; 25 lbs., \$3.00.

MELROSINE. Definite death for rose insects. One pint to 2½ gallons of spray. (Not malleable). Trial size, 50c; pt., \$1.00; qt., \$1.75; ½ gal., \$3.25; gal., \$6.00.

NICO-FUME TOBACCO PAPER. A paper strongly saturated with pure nicotine. One sheet for 2000 cu. ft. 24 sheets, \$1.25; 144 sheets, \$5.60; 288 sheets, \$8.75.

NICO-FUME LIQUID. Use one part to 500 parts water; one tablespoonful to 1½ pints of water. (Not malleable). ¼ lb., 75c; lb., \$2.00; 4 lbs., \$6.25; 8 lbs., \$11.50.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 1-lb. tin, \$1.00; 5 lbs., \$3.75; 10 lbs., \$6.85.

NIAGARA D-18 DUST positively prevents blight on your crops; also is 100 per cent effective against chewing insects such as potato bugs, cabbage and tomato worms. Use early in the morning when the air is calm and the dew is on the leaves. 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.75; 50 lbs., \$8.25; 100 lbs., \$12.50.



NIAGARA P-A NICOTINE DUST (4% actual Nicotine). Destroys lice or aphid on cabbage, cauliflower, kale and all other vegetables by its fumes. This dust will kill both the cucumber beetle and the squash stink bug. We recommend when dusting with P-A Nicotine Dust using either a funnel-shaped hood on the spout of the duster for hill dusting, or a cloth drag for row dusting. 5 lbs., \$2.00; 10 lbs., \$3.25; 25 lbs., \$7.00; 50 lbs., \$12.50; 100 lbs., \$21.00.

PARADICHLOROBENZINE. For peach tree borer. Directions on container. Lb., 75c.

PARIS GREEN. Kills bugs, worms and slugs. Used as powder, mix one part to 100 parts of flour; or in solution one pound to 200 to 300 gallons of water. (Not malleable). ¼ lb., 25c; lb., 50c; 5 lbs., \$2.00; 14 lbs., \$4.75.

POMODUST. Standard Sulphur fungicide with Lead Arsenate, for diseases and chewing insects on apples, pears, cherries, plums, etc. Lb., 40c; 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.50; 50 lbs., \$7.00; 100 lbs., \$10.50.

PYROX. A paste mixture of Arsenate of Lead and Bordeaux. Effective as a combination spray for fungus blights and leaf-eating insects. Use one pound to 5 gallons of water. Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$15.50.

RAT POISON (Barium Carbonate). Mix with meat, cheese, apples, etc., and place where rats run for several nights until rats disappear. 35c per box.

SCALECIDE
SCALE DESTROYER

For San Jose scale. Non-poisonous petroleum preparation. Mix one gallon to 16 gallons of cold water. Use in late Fall, Winter or early Spring, when foliage is off. (Not malleable). Qt., 75c; gal., \$1.75; 5 gals. \$6.25; 10 gals., \$10.60; 15-gal. drum, \$11.50. (Drums \$2.00 extra and returnable at same price, f. o. b. factory). Barrel (50 gals.), \$38.00.

DU PONT

SEMESAN SEMESAN JR. SEMESAN BEL
The Premier Seed Disinfectants
(See colored insert page in front of books)

SLUG SHOT. The best known remedy for cabbage and currant worms. A non-poisonous powder, applied by dusting on the plants. Non-injurious to animals or fruit and vegetables treated. Lb., 25c; 5 lbs., 60c; 25 lbs., \$2.75.

SNAROL. An effective bait for controlling cutworms, grasshoppers, snails, slugs and sow bugs. Not injurious to plants or other vegetation. Lb., 50c; 3 lbs., \$1.00; 15-lb. bag, \$3.75. (See colored insert page in back of book).

SULFOCIDE. An efficient Summer spray for the control of scab and black rot on fruit trees. Excellent for mildew and black rot of roses and for similar fungous troubles of other plants. For general use, dilute one gallon to 200 gallons of water. Pt., 70c; 1-qt. can, \$1.00; 1-gal. can, \$2.75; 5-gal. can, \$8.75.

TOBACCO DUST. Fine, bulk, lb., 15c; 5 lbs., 60c; 25 lbs., \$2.00; 100 lbs., \$5.50.

TREE TANGLEFOOT. Painted around trees in the form of a band, it is an effective barrier to caterpillars crawling into the tree from the ground. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 20 lbs., \$8.00; 25 lbs., \$9.75.

TREE SURGERY GUM. For cementing wounds in trees. Lb., 35c; 5 lbs., \$1.50.

TWO-WAY SPRAY. A balanced insecticide and fungicide containing 14 per cent Arsenate of Lead and 3 per cent Bordeaux Mixture. Two results with one application. Use wet or dry on apples, sour cherries, currants and gooseberries, grapes, pears, plums, strawberries, pecans, beans, cucumbers, peppers, potatoes, tomatoes and many other fruits and vegetables. Mix 10 tablespoonfuls to one gallon of water, or 1 pound to five gallons. ½ lb., 35c; lb., 50c; 4 lbs., \$1.35.



VOLCK. A refined oil emulsion that may be used on foliage with entire safety. Effectually controls scale, mealy bug, white fly, red spider, aphids, thrips, etc. Does not discolor foliage, but rather imparts a bright glossy appearance. One gallon makes from 25 to 100 gallons of spray solution. ½ pt., 50c; pt., 75c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

WEED KILLER, HAMMONDS. For weeds in walks, drives and tennis courts. One quart to ten gallons of water. Qt., 60c; gal., \$1.75.

WILSON'S O. K. SPRAY. For roses, chrysanthemums, evergreens, and all plants affected with scale or insects under glass or outside. Recommended for rose bugs. One quart is mixed with 10 to 15 parts of water. ½ pt., 40c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

TOOLS AND SUPPLIES

DIBBLES. For setting plants and bulbs. Iron point, 65c.

FORKS. Spading. \$2.00.

GARDEN LINE. Italian Hemp. 50 ft., 75c; 100 ft., \$1.35.

GRASS EDGING KNIFE. Wheel type. \$2.25; plain, \$1.25.

GRASS HOOK or SICKLE. No. 30, 75c.

HANGING BASKETS. Woven wire. 8 in., 35c; 10 in., 50c; 12 in., 60c; 14 in., 75c; 16 in., 90c.

HOES. Garden, \$1.00 and \$1.50. Ladies', \$1.00. English Scuffle, 6 in., \$1.25. Heart-shaped, \$1.25.

KNIVES. American Budding, \$1.50; Pruning, \$1.25; English pruning, \$2.50.

LABELS.

Pot and Garden. Wood, painted.	100	1000
4 in.	\$0.35	\$ 2.50
5 in. ....	.45	3.00
6 in. ....	.55	3.50
8 in.	1.25	9.00
10 in.	1.65	10.00
12 in.	1.75	12.50
Copper Wired Tree Labels	.50	3.25

Simplex Weather-proof Labels. Writing protected by a transparent cover. Doz. 100

No. 1—3x½ in.	\$0.50	\$ 3.00
No. 2—4x¾ in. ....	.75	5.00
No. 3—5x1 in.	1.25	7.00

Indestructo Copper Labels with wire, mark with stylus. Doz. 100		
No. 1—¾x3¾ in.	\$0.30	\$1.75
No. 2—1½x5 in. ....	.40	2.25
No. 52—1½x5 in. ....	.45	2.50

(Fastened to 10-inch stake).

LAWN MOWERS.

Great American. A high grade machine.

15-inch cut	\$17.50
17-inch cut	21.00
19-inch cut	22.50

MOLE TRAPS. Reddick. \$1.25 each.

PLANT STAKES. Round wood, medium in weight, green.

	Each	Doz.	100
3 ft.	\$0.12	\$1.25	\$ 7.50
4 ft. ....	.15	1.75	11.00
5 ft. ....	.18	2.00	14.00

PLANT STAKES. Heavy, 1 inch square, wooden, green.

	Each	Doz.	100
3 ft.	\$0.15	\$1.50	\$12.00
4 ft. ....	.20	2.25	17.00
5 ft. ....	.25	2.75	20.00

PLANT STAKES. Heavy Tonkin. Heavy weight bamboo, entire stake same weight; do not taper. Ideal for roses, dahlias, young trees, etc. Will last a lifetime.

	Each	Doz.	100
Natural Color			
4 ft., ½ to ¾ in. diam.	\$0.10	\$0.85	\$ 5.00
6 ft., ¾ to 1 in. diam. ....	.15	1.35	9.00
8 ft., ¾ to 1 in. diam. ....	.18	1.65	10.00

	Each	Doz.	100
Green Color			
4 ft., ½ to ¾ in. diam. ....	.15	1.35	8.00
6 ft., ¾ to 1 in. diam. ....	.25	2.35	15.00

PLANT STAKES. Japanese bamboo, painted green.

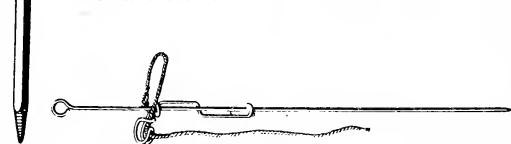
Uniform pencil thickness.



	Each	Doz.	100
2 ft.	\$0.20	\$1.15	\$ 6.50
3 ft. ....	.25	1.85	9.75
4 ft. ....	.35	2.25	12.75
6 ft. ....	.50	3.00	20.00

ADJUSTO PLANT SUPPORTS.

	Each	Doz.	100
3 ft.	\$0.25	\$2.75	\$20.00
4 ft. ....	.30	3.00	22.00
5 ft. ....	.35	3.25	24.00



PLANT SUPPORT. The Timesaver. A galvanized iron stake with adjustable clip and fiber twine. Adapted for all kinds of flowers and shrubs. No. 2—3 ft., doz., \$1.00. No. 3—4 ft., doz., \$1.75. No. 3A—5 ft., doz., \$2.75. Extra Clips, \$1.25 per doz.

RAFFIA. A sort of grass much used for tying plants, also in making baskets. Natural color. 50c per lb.

ROLLERS, LAWN. With Plain Bearings.

No. 2—14 in. diam., 24 in. long, 1 section, weight empty, 68 lbs., filled with water, 175 lbs.	\$13.00
No. 4, 18 in. diam., 24 in. long, 1 section, weight empty, 82 lbs., filled with water, 265 lbs.	15.25

With Roller Bearings

No. 7—24 in. diam., 24 in. long, 1 section, weight empty, 110 lbs., filled with water, 420 lbs.	22.00
No. 9—24 in. diam., 32 in. long, 1 section, weight empty, 130 lbs., filled with water, 565 lbs.	24.75

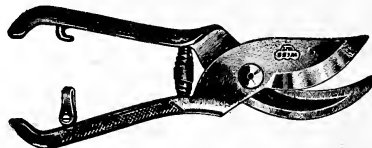
SAWS, PRUNING. 20-in. blade, \$1.75. California pattern, curved, 14-in. blade, \$1.25.

THE CYCLONE SEED SOWER. A practical broadcast seed sower. Sows anything from grass seed to fertilizer. \$2.00 each.

SOWWRITE SEED SOWER. No. 22, \$1.00; No. 23, \$1.50.

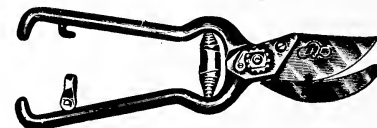
SHEARS, HAND PRUNING.

No. 140 Pexto Ladies' Rose Shear	\$0.60
No. 505 Pexto with volute spring	1.00
No. 605R Pexto with flat spring	1.50
No. R70 Pexto with volute spring	2.00
No. C4 Wiss Flower Shear	1.35



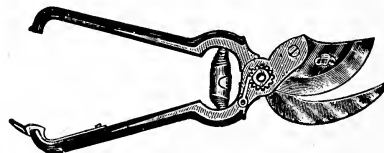
Wiss 209V

No. 209V Wiss with coil spring



Wiss 309V

No. 309V Wiss with volute spring



Wiss 109V

No. 109V Wiss with volute spring	3.50
No. 150 Disston with volute spring	3.00
No. 152 Disston with flat spring	3.00
No. 153 Disston with bulldog jaw	3.00

SHEARS, FLOWER. Cuts and holds the flower. An ideal gift.. Stainless steel, \$2.50 each.

SHEARS, BORDER (Disston). Horizontal or vertical blade on wheels, handles 36 in., blade 9 in. \$4.50 each.



Wiss Grass Shear

SHEARS, GRASS.

No. 23 Pexto	\$1.00
No. 25 Pexto	1.25
No. 600 Wiss	1.50

TOOLS AND SUPPLIES—Continued

SHEARS, LOPPING. (Disston).

No. 1	\$3.00
No. 2	2.85
No. 3 Bull Dog Jaw	3.00
No. 7 All steel, wood grip	2.75



Wilsen Hedge Shear

SHEARS, HEDGE.

No. 30 Disston, 8 in. blade	\$2.00
Disston, 9 in. blade	3.25
Wiss, 6½ in. blade	2.75
Wiss, 7½ in. blade	3.00
Wiss, 8 in. blade	3.25

SPADES. Long handle. \$1.50. D handle. \$1.50.

RAKES, LAWN. Wood, self-cleaning. \$1.00. Wire, 24 in. \$1.00. Steel garden rake, 14 in. \$1.25.

RAKES, JAPAN BROOM. Light and durable. \$1.25.

RATTAN BROOM. Like birch broom only better and stronger. \$1.00 each.

TRELLIS. Wire, 2 feet wide, any length. 40c per foot. Wooden, various styles. \$2.25.

TREE PRUNERS, POLE.

Disston. 8 ft., \$4.25; 10 ft., \$4.50; 12 ft., \$4.75.
Waters. 8 ft., \$2.75; 10 ft., \$3.00; 12 ft., \$3.25.
Disston Pruning Hook and Saw. Without handle. \$2.75.

TROWELS. All steel, 25c. All steel transplant \$0.30

English trowels, 8 in. handle .....	.60
English trowels, 24 in. handle .....	.85
English forks, 8 in. handle .....	.75
English forks, 24 in. handle	1.50

PLANT TUBS. Green painted cedar. Welded hoops.

	Inside Diameter	Stave Length	Each
No. 2	10 in.	11 in.	\$1.25
No. 3	12 in.	13 in.	1.75
No. 4	14 in.	15 in.	2.25
No. 5	16 in.	17 in.	2.75
No. 6	18 in.	19 in.	3.50
No. 7	20 in.	20 in.	4.00

WEEDER, CLEVELAND LAWN. A handy Weeder for removing dandelions. \$1.25.

WEED PULLER, Marvel. While standing upright you can lift out weed by roots, hold it, deposit it in basket, without stooping, with Marvel Weed Puller. \$4.00.

WATERING CANS.

Size	Standard	Wotherspoon	French Oval
4 quarts	\$0.75	\$4.75	
6 quarts .....	.85	5.25	5.85
8 quarts .....	.95	6.00	6.25
10 quarts	1.15	6.25	6.65
12 quarts	1.35	6.50	7.25
14 quarts	1.50		
Real Low Pattern. 4 quarts. \$4.25.			

WHEELBARROWS, GARDEN. No. 23. 2 in. tire ..\$ 5.00

Lohrman's Special Garden Barrow. Hardwood throughout, finished in clear varnish, 2½ in. tread wheel. 10.00

Lohrman's Greenhouse Type. Designed for narrow aisles. 10.00

HOSE. Our Special Pioneer Cord. Built like a cord tire, and will wear like one. ¾ inch. 15c per ft.

HOSE ACCESSORIES.

Clamps. Brass. 5c each; 45c per doz.
Couplings. Heavy bronze. 15c each; \$1.50 per doz.
Washers. Rubber. 5c per doz.
Y Connection. \$1.25 each
Hose Nozzle. 75c each.
Two-Way Spray. \$2.00 each.
Hose Menders. 15c each; \$1.25 per doz.

NOZZLES. Rose nozzle. 75c. Hothouse nozzle. 3-in. face, \$1.00; 4-in. face, \$1.35.

SPRINKLER. Rain King. \$3.50. Other sprinklers. 50c to \$10.00.

FLOWER POTS. Standard. Azaleas, Bulb Pans.

Size	Each	Doz.	100	1000
2 in.	\$0.03	\$0.18	\$1.00	\$9.50
2½ in. ....	.03	.18	1.85	12.75
3 in. ....	.04	.25	1.75	16.60
4 in. ....	.05	.35	2.75	25.50
5 in. ....	.07	.65	4.85	46.00
6 in. ....	.10	1.00	7.90	68.85
7 in. ....	.15	1.65	12.00	115.00
8 in. ....	.25	2.85	17.50	
9 in. ....	.35	3.75	27.00	
10 in. ....	.45	4.85	36.50	
12 in.	1.00	10.00	75.00	

FLOWER POT SAUCERS.

Size	Each	Doz.	100
4 in.	\$0.04	\$0.30	\$2.25
5 in. ....	.05	.40	2.75
6 in. ....	.06	.60	4.25
7 in. ....	.07	.75	5.50
8 in. ....	.10	1.00	7.50
9 in. ....	.15	1.40	10.25
10 in. ....	.16	1.75	12.25
12 in. ....	.25	2.50	18.50

NEPONSET WATERPROOF PAPER FLOWER POTS.

	Doz.	100	1000
2½ in.	\$0.15	\$0.85	\$6.00
3 in. ....	.20	1.15	7.50
4 in. ....	.30	2.00	12.00
5 in. ....	.35	2.50	18.00
6 in. ....	.50	3.00	22.50

GROWELL PEAT POTS.

Size	Doz.	50	100
No. 2—2½ in.	\$0.50	\$1.75	\$3.00
No. 3—3½ in. ....	.60	2.00	3.50
No. 4—4½ in. ....	.75	2.50	4.25

PLANT BANDS. Size 2 x 2 in.—2½ in. deep, no bottoms. 20c per doz.; \$1.00 per 100; \$1.75 per 250; \$4.50 per 1000.

FLATS. Redwood. No. 1, inside dimensions, 20 x 14 in.—2½ in. deep. 50c each; \$5.50 per doz.; 25 or more at 40c each.

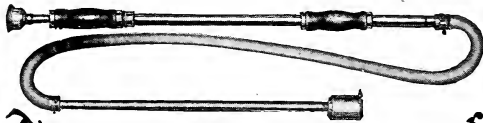
HOTBED SASH and FRAME. Complete, junior size. Sash size, 34 x 38½ in. \$11.00 each.

SASH. Standard. Size 3 x 6 ft. Glazed and painted. \$7.00.

Spray Pumps

Brown Auto Spray No. 5

It's Double Acting



The Same Spray With Half The Labor

Used with either a pail or barrel. \$5.50.
Galvanized Tank for Auto Spray No. 5. \$3.00.

No. R305B Barrel Spray

Pump only\$17.50

Portable Sprayer No. R337B

15-gal. tank; single or double wheel\$28.00

Spray Pump Nozzles

BORDEAUX, \$1.25. SIMPLEX, \$1.00. VERMOREL, \$1.00.



Auto Spray No. 1

Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes.

Brass Tank. \$9.00.

Galvanized Tank. \$6.50.

Continuous Sprayer

Operates on both up and down stroke of the plunger, and throws a fine, misty spray. Will handle any solution, and can be operated at any angle. Capacity one quart. Brass, \$1.25. Other styles, 50c to \$1.75.



Hotkaps

New Method of Plant Protection

PROTECT PLANTS FOR PROFIT

GERMACO HOTKAPS can make you extra dollars this season. They protect plants from frost, wind, rain, insects and ground crusting. Thus they produce hardier, quicker crops. You get higher prices!

Thousands were used in 48 states last year. They cost so little that growers cannot afford to be without them.

Prices: 1000 lots, \$11.50; 5000 lots, \$11.00 per 1000; 10,000 lots, \$10.75 per 1000. 250 trial package, including garden type water-proof setter, \$4.00; Germaco steel Hotkap Setter, \$2.50.

If you need HOTKAPS for your backyard garden, note these prices: 50 with garden setter, \$1.50; 100 with garden setter, \$2.25; garden setter alone, 50c.

Dry Dusters

The Acme Bellows Duster

Recommended for Both Hill and Row Dusting.

The largest, lightest and most powerful hand duster made. Weighs only 16 lbs. and holds 25 lbs. of average dust. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Ten different adjustments for amount of dust delivered.

Positive dust grinding feature. No cogs, gears, or other delicate parts. All straight lever action. Feeds the same quantity whether completely or partially full. Equipped with a funnel-shaped hood for use with nicotine dust on either rows or hills. \$20.00.



Niagara Hand Duster

(Brush Feed).

Recommended for Row Dusting.

A free running, easy cranking machine. Discharge can be controlled to a given number of pounds per acre. Feeds the same quantity whether completely or partially full. Capacity 7 to 10 pounds. \$22.00.
TWO-ROW ATTACHMENT. \$2.00.

Planet Jr. Garden Tools

No. 3 PLANET JR. HILL AND DRILL SEEDER

Holds 3 quarts of seed. A favorite among onion growers and market gardeners. \$17.50.

No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW

Holds 2½ quarts. Steel driving wheel. Weight, complete, 50 lbs. Equipment: One pair of 6-inch hoes, three cultivator teeth, one garden plow, one leaf guard, one marker; all oil tempered. \$18.00.

No. 4D. As a seeder only. Weight 40 lbs. \$14.25.

No. 13 PLANET JR. DOUBLE AND SINGLE WHEEL HOE COMBINED

Packed weight, 28 lbs. Equipment: One pair of 6-inch hoes, oil tempered. Steel frame. 14-inch steel wheels. \$8.60.

No. 18 PLANET JR. SINGLE WHEEL HOE

Packed weight, 19 lbs. Equipment: One pair 6-inch hoes, oil tempered. Double wheel arms. \$5.75.

No. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW

Holds 2½ quarts. Weight, complete, 61 lbs. It combines in a most practical way the Planet Jr. No. 4 Drill and No. 12 Double and Single Wheel Hoe. Equipment: One pair of 6-inch hoes, four cultivator teeth, one pair plows, two leaf guards, one marker; all oil tempered. \$21.50.

No. 26 PLANET JR. DRILL SEEDER

No. 1—Wide tread wheels needed on muck and other soils. No. 2—Index unusually accurate, arranged for principal seeds. No. 3—Hopper capacity four quarts. Removed by unscrewing one wing nut. \$15.00.

No. 220 PLANET JR. FERTILIZER DISTRIBUTOR Saves Time, Labor—Produces Bigger Crops.

Will distribute fertilizer on one, two or three rows, at option of operator. \$27.00.

Cultivating Attachments for Planet Jr. Wheel Hoes

\$100-\$101 6-INCH HOES. Pair	\$1.30
1395 CULTIVATOR TEETH. Each .....	.35
LANDSHOE PLOW. For Single Wheel Hoes	1.50
PAIR PLOWS. For Double Wheel Hoes. Per pair ..	1.50
DISC HOES. Per pair	3.50
HANDLES. Pair	1.00

LOHRMAN SEED CO.

"SEEDS THAT PRODUCE"

AMOUNT ENCLOSED

Name _____

(Ladies, please use prefix Miss or Mrs.; the latter use husband's initials.
Write name and address very plainly.)

Date _____

Post Office

P. O. Order

R. F. D. No. _____ Box No. _____ Street _____

Express Order

Express Office

Check or Draft

Freight Depot

Cash

County _____ State _____

Stamps

HOW SHALL WE SHIP? { State on this line whether
by mail, express or freight. }

Total

If to be sent by mail be sure to include postage on goods not quoted postpaid. See inside of front cover of catalog.

Never send Bills or Currency in a Letter. If necessary to do so be sure to REGISTER IT.
The safest form of remittance is a Check, Post Office or Express Money Order.

[illegible]

LOHRMAN SEED CO. gives no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

For Increased Yield and Improved Quality

SEMESAN MAKES SEEDS HEALTHY

Semesan

Used as a dust or liquid disinfectant on flower and vegetable seeds and bulbs for preventing and controlling seed-borne diseases and damping-off.

Directions for Using Semesan. For the treatment of all surface-borne seed and plant diseases we recommend applications of Semesan dust because of its convenience. Liquid Semesan treatments are better for controlling infections of glume-covered cereals and internally-borne diseases as the disinfecting solution will penetrate deeply under the seed coat.

Dust. For most flower and vegetable seeds use one ounce of Semesan to each fifteen pounds but to dust the cereals and field crops use two ounces per bushel for the large varieties of seeds or three ounces for the small kinds. Put the seeds with the Semesan dust in any convenient receptacle and shake or rotate for three to five minutes, when all seeds will be thoroughly coated. Smaller or larger quantities can be treated in the same proportions but avoid using an excess of dust.

Liquid. Dissolve one ounce of Semesan by stirring it into three gallons of water with which it will make a cloudy solution. Immerse seed in the solution for one-half hour, if the seed coat is soft or thin; for one to two hours, if the coat is hard or thick. Then drain off liquor and spread the seed out on a clean sur-

face to dry or plant within a day or so. Never use the same solution for more than three treatments.

Semesan Jr.

Semesan Jr. is exclusively a dust disinfectant for preventing and controlling the ear, root and stalk rots of field and sweet corn, for large acreages of which, it will be found more economical than Semesan.

Semesan Jr. is easily applied to seed corn by the convenient dusting method at the rate of 3 ounces per bushel of seed.

Semesan Bel

The instantaneous dip disinfectant for Irish potatoes and sweet potatoes. Controls seed-borne diseases. Improves quality. Increases crop.

Make solution of 1 lb. of Semesan Bel to 10 qts. of water. Immerse potatoes in solution for one minute, allow them to drain and spread out in a cool place and when thoroughly dry, they are ready to plant.

PRICES

	2 ozs.	4 ozs.	Lb.	5 lbs.	25 lbs.
Semesan ...	\$0.50		\$2.75	\$13.00	\$56.25
Semesan Jr. .		.50	1.75	8.00	31.25
Semesan Bel.		.50	1.75	8.00	31.25

Books on Garden Subjects at Popular Prices All Cloth Bound

AMATEUR'S GARDEN GUIDE. 384 pages and over 275 teaching illustrations covering vegetable, flower and fruit gardens as well as the ground around the home. Treats on every step, from spading the ground to preserving the harvest. Price, \$1.50.

ANNUALS, A LITTLE BOOK OF. By A. C. Hottes. Over 100 species described in detail, including uses, culture, and season of bloom. Illustrated. Price, \$1.00; postpaid, \$1.10.

CLIMBING PLANTS, A LITTLE BOOK OF. By A. C. Hottes. The only book obtainable containing all climbing plants, of whatsoever nature, in one volume. Freely illustrated. 250 pages. Price, \$1.25; postpaid, \$1.35.

BULBS THAT BLOOM IN THE SPRING. By T. A. Weston. The 60 magnificent full plates (eight of these in four-color process) are worth more than the price asked for this charming book. Cover in four colors. "Bulbs That Bloom in the Spring" are those we plant in the Fall. Price, \$2.00.

ROCK GARDENS. By F. F. Rockwell. 90 pages. Many illustrations. How to plan, construct, and maintain rock gardens on the small place. Lists of plants are thoroughly classified and cross-referenced. Price, \$1.00.

PERENNIALS, A LITTLE BOOK OF. By A. C. Hottes. Devoted to the general principals of growing, using and propagating over 125 species of perennials. Liberally illustrated. Price, \$1.00; postpaid, \$1.10.

1001 GARDEN QUESTIONS ANSWERED. A guide book of 320 pages, copiously illustrated. Covers questions asked on the flower, vegetable and fruit garden. Price, \$1.50; postpaid, \$1.60.

GARDEN ROSES. How to make them grow and bloom. By J. Horace MacFarland. Paper cover. Price, 25c.

FRUITS. For the home grounds. By U. P. Hedrick. Paper cover. Price, 25c.

HOME GROUNDS. Their planning and planting. By Liberty H. Bailey. Paper cover. Price, 25c.

THE WOMAN'S FLOWER GARDEN. By Jane Leslie Kift. As its name implies, a book for women on the care of flowers and plants in the home, and on their cultivation in the garden. Price, \$1.00.

MODERN DAHLIA CULTURE. By W. N. Waite. Originator of Jersey's Beauty and other popular sorts. One book that the Dahlia grower needs. Price, \$1.50.

All For Less Than a Dollar



Mixed Asters.



Calendula.



Everblooming Carnations.



Early Mammoth Cosmos.



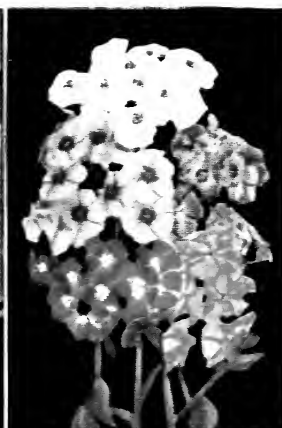
Calliopsis.



Helichrysum.



Nasturtium. Lobb's Tall.



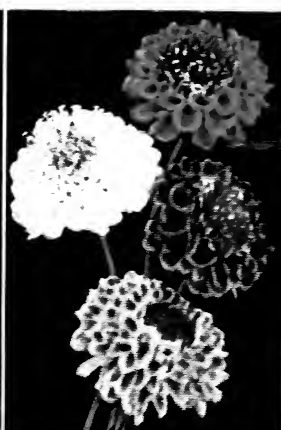
Phlox Drummondii.



Portulaca.



Salpiglossis.



Annual Scabiosa.



Mammoth Verbena.

A WHOLE GARDEN full of flowers of many choice kinds and colors can be raised from this wonderful collection. Everyone who loves flowers has some odd corners where these will thrive and reward you with many bouquets of great variety.

ONE PACKET
Each of These
Popular Favorites,
value \$1.20
12 pkts. only 95c

Lohrman's Premium Strain Early Scarlet Globe Radish

the most profitable market variety



This Radish is a little longer than round. The color is a rich, bright scarlet with tiny thread-like roots. The flesh is white, tender and crisp.

Lohrman's Premium Strain Scarlet Globe Radish seed is far superior to all other strains now offered to the market gardener for the following reasons:

- 1st** Our Premium Strain Scarlet Globe Radish seed is all grown from transplanted roots. This insures absolute uniformity in color and trueness of type.
- 2nd** Each 100 pounds of seed is tested in a greenhouse, as it comes from the harvest fields. If found to be of inferior color or shape, or to be of low germination the bag is promptly rejected.
- 3rd** This seed is much larger and more plump than that usually offered. The plumper seed germinates more quickly and the Radishes are ready to pull sooner than those grown from smaller seed.
- 4th** Our Premium Strain Scarlet Globe Radish seed is treated with Semesan, a mercuric disinfectant that insures against seed-borne diseases. Semesan also hastens germination.

We have taken great care in developing this strain of Scarlet Globe Radish to make it the best stock obtainable and we are certain that if you try it out you will be very well satisfied with the results.

Sold only
in 10-lb.
cloth sacks
with our seal
attached
75c per lb.
in 10-lb. lots
or over.

LOHRMAN SEED CO.

Telephone—RANDOLPH 1271 and 9241

Macomb at Brush Street
DETROIT, MICHIGAN

Eastern Market Branch:
1340 Napoleon St., near Russell